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July 16, 2004

Mary L. Cottrell, Secretary
Department of Telecommunication and Energy
One South Station, 2<sup>nd</sup> Floor
Boston, MA 02202

Re: D.T.E. 04-68 - Petition of Boston Edison Company d/b/a NSTAR Electric for Approvals Relating to the Assignment of Power Purchase Agreements with Ocean State Power and Ocean State Power II

## Dear Secretary Cottrell:

Enclosed is an original and nine copies of the Petition for Approvals Relating to Assignment of Purchase Power Agreements with Ocean State Power and Ocean State Power II (the "Petition"), with accompanying testimony and supporting exhibits, submitted by Boston Edison Company d/b/a NSTAR Electric ("NSTAR Electric" or the "Company"). The Petition requests approval of: (1) the assignment of the Company's existing Power Purchase Agreements (the "Existing PPAs") with Ocean State Power and Ocean State Power II (collectively, "OSP"); and (2) ratemaking treatment associated with the costs relating to the assignment.

The Company is seeking Department approval of the Purchase and Sale Agreement between the Company and TransCanada Energy Ltd. (the "TransCanada Purchase and Sale Agreement"), to effect the assignment of the Company's existing purchase power agreements with OSP. The TransCanada Purchase and Sale Agreement will result in customer savings of approximately \$12 million on a net-present-value basis. The Company is also proposing that the significant customer savings relating to the TransCanada Purchase and Sale Agreement be returned to customers through the Variable Component of the Company's Transition Charge. In support of the Petition, the Company has enclosed the following:

Exhibit NSTAR-GOL

Prefiled testimony of Geoffrey O. Lubbock (with accompanying exhibits), Vice President, Financial Strategic Planning & Policy, regarding the TransCanada Purchase Letter to Secretary Cottrell July 16, 2004 Page 2

and Sale Agreement and related customer savings (the "Lubbock Testimony"); and

Exhibit NSTAR-RBH

Prefiled testimony of Robert B. Hevert (with accompanying exhibits), President of Concentric Energy Advisors, Inc. ("CEA"), to discuss the specifics of the auction which resulted in the execution of the TransCanada Purchase and Sale Agreement (the "Hevert Testimony").

The TransCanada Purchase and Sale Agreement set forth herein culminates an almost year-long process undertaken by NSTAR Electric to lower rates for customers by mitigating transition costs of above-market PPAs via an open and competitive auction process (the "2003 Auction"). As described in Mr. Hevert's testimony, the 2003 Auction provided market participants open and non-discriminatory access to all relevant information and was a competitive process that has resulted in the maximum possible mitigation of transition costs.

Also enclosed is a Motion for Protective Treatment of certain price forecasts and financial information that are included in the Company's analysis of customer savings associated with the TransCanada Purchase and Sale Agreement. Because negotiations have not been concluded regarding all outstanding PPAs, this information is deemed proprietary and confidential, since the public release of this information could adversely affect NSTAR Electric's ability to maximize mitigation. The exhibits accompanying this public version of the filing are redacted to remove the confidential information. Unredacted versions are being provided separately, under seal.

The Purchase and Sale Agreement anticipates a Closing Date no later than December 31, 2004. Accordingly, in order for customers to realize the benefits of the TransCanada Purchase and Sale Agreement at the earliest possible date, the Company requests that the Department issue an order approving the TransCanada Purchase and Sale Agreement by November 22, 2004, which would allow for the tolling of the statutory appeal period plus fifteen business days (as provided in Section 3.2 of the Purchase and Sale Agreement) between the issuance of the Department's order and December 31, 2004.

Letter to Secretary Cottrell July 16, 2004 Page 3

Also enclosed is the \$100 filing fee. Thank you for your attention to this matter.

Very truly yours,

Robert N. Werlin

#### **Enclosures**

cc:

Andrew O. Kaplan, General Counsel Joan Foster Evans, Hearing Officer

Ronald LeComte, Director, Electric Power Division

Kevin Brannelly, Director, Rates and Revenue Requirements Division

Joseph Rogers, Assistant Attorney General

Kerry Britland

Tam Ly

#### COMMONWEALTH OF MASSACHUSETTS

#### DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

	)	
Petition of Boston Edison Company	)	
for Approvals Relating to the Assignment of	)	D.T.E. 04-68
Purchase Power Agreements with	)	
Ocean State Power and Ocean State Power II	)	
	_)	

## PETITION FOR APPROVALS RELATING TO ASSIGNMENT OF PURCHASE POWER AGREEMENTS

- 1. Boston Edison Company d/b/a NSTAR Electric ("Boston Edison" or the "Company") hereby petitions the Department of Telecommunications and Energy (the "Department"), pursuant to G.L. c. 164, §§ 1A, 1G, 76, 94, and 94A, for approval of: (1) the Purchase and Sale Agreement between Boston Edison and TransCanada Energy Ltd. ("TransCanada") that would assign Boston Edison's current purchase power contracts with Ocean State Power ("OSP 1") and Ocean State Power II ("OSP 2") (collectively, "OSP"), which are Rhode Island partnerships; and (b) approval of ratemaking treatment relating to the TransCanada Purchase and Sale Agreement.
- 2. Boston Edison is a Massachusetts corporation authorized to generate, transmit, purchase, sell, and distribute electricity, and is subject to the regulatory jurisdiction of the Department. Boston Edison provides retail electric service to approximately 650,000 customers in 40 communities, including Boston and communities in the Greater Boston area.

- 3. Boston Edison is a party to Power Purchase Agreements with Ocean State Power ("OSP 1 PPA") and Ocean State Power II ("OSP 2 PPA"), respectively (the collectively, the "Existing OSP PPAs"). The OSP 1 PPA was executed December 31, 1985, and includes 11 subsequent amendments, pursuant to which OSP sells to Boston Edison, and Boston Edison purchases from OSP 1, electricity produced by OSP 1's generation facility located in Burrillville, Rhode Island (the "OSP 1 Unit"). The term of the OSP 1 PPA runs through December 31, 2010.
- 4. The OSP 2 PPA was executed July 1, 1988, and includes four subsequent amendments, pursuant to which OSP 2 sells to Boston Edison, and Boston Edison purchases from OSP 2, electricity produced by OSP 2's generation facility located in Burrillville, Rhode Island (the "OSP 2 Unit"). The term of the OSP 2 PPA runs through September 30, 2011.
- 6. As a result of an auction by Boston Edison, Commonwealth and Cambridge Electric Light Company d/b/a NSTAR Electric ("NSTAR Electric") of their PPA entitlements, including the OSP 1 PPA and OSP 2 PPA, the Existing OSP PPAs will be bought out pursuant to the terms of the Purchase and Sale Agreement. The TransCanada Purchase and Sale Agreement (Attachment A, hereto) was executed on June 23, 2004. The remaining agreements effecting the termination (Exhibits B and C, attached to the Purchase and Sale Agreement) will be executed at the closing of the transaction.
- 7. In support of this Petition, the Petitioners attach the following exhibits:

Exhibit NSTAR-GOL

Prefiled testimony of Geoffrey O. Lubbock (with accompanying exhibits), Vice President, Financial Strategic Planning & Policy, regarding the TransCanada Purchase and Sale Agreement and related customer savings (the "Lubbock Testimony").

Exhibit NSTAR-RBH

Prefiled testimony of Robert B. Hevert (with accompanying exhibits), President of Concentric Energy Advisors, Inc. ("CEA"), to discuss the specifics of the 2004 Auction that resulted in the execution of the TransCanada Purchase and Sale Agreement (the "Hevert Testimony").

- 8. Approval of the TransCanada Purchase and Sale Agreement and associated ratemaking treatment is requested pursuant to G.L. c. 164, §§ 1A, 1G, 76, 94, and 94A as being in the public interest and the product of all reasonable steps taken to mitigate, to the maximum extent possible, the transition costs relating to the Existing PPAs. The transaction meets this requirement in that the 2003 Auction and the Purchase and Sale Agreement are consistent with the Chapter 164 of the Acts of 1997 (the "Act"), and Boston Edison's Restructuring Settlement, approved by the Department in D.P.U./D.T.E. 96-23 (the "Restructuring Settlement").
- 9. The Existing OSP PPAs were offered for sale in a public auction. The auction was conducted in an open and competitive manner and was otherwise equitable and maximized the value of the assets that were subject to the auction, pursuant to G.L. c. 164, § 1A(b)(1).
- 10. The Petitioners selected CEA, a nationally prominent economic advisory firm, to help conduct the 2003 Auction.
- 11. In conducting the auction, NSTAR Electric and CEA used a fair, unbiased, confidential and competitive process, whereby bidders had the ability and

- opportunity to maximize the value of their respective bids through complete, uninhibited and non-discriminatory access to all data. The auction process is described in detail in the Hevert Testimony.
- Pursuant to the Purchase and Sale Agreement, the Existing OSP PPAs would be permanently assigned, conveyed, transferred and delivered to TransCanada upon the Closing Date, and the Company would be relieved of any obligations or liabilities to purchase or accept electricity produced by the OSP 1 or OSP 2 Units, with the exception of obligations and liabilities arising prior to the Closing Date. In consideration for the transfer, Boston Edison will pay to TransCanada one dollar, as well as certain monthly payments through September 2011 (the "Entitlement Payments"), pursuant to an Entitlement Payment Agreement ("EPA") (Exhibit C of the Purchase and Sale Agreement). Details regarding the Purchase and Sale Agreement, the EPA and related agreements are presented in Mr. Hevert's testimony.
- Agreement will result in approximately \$12 million of customer savings, on a netpresent-value ("NPV") basis. The customer savings are quantified in Exhibits
  NSTAR-BEC-GOL-2, presented by Mr. Lubbock. The savings are determined by
  comparing: (a) the NPV of Transition-Cost payments by customers that would
  have been made if the Existing OSP PPAs were to remain in effect to (b) the NPV
  of Transition-Cost payments by customers that will be made if the TransCanada
  Purchase and Sale Agreement is approved by the Department.

- These significant savings will be passed on to the Company's customers through Boston Edison's Transition Charge. Costs associated with the Existing OSP PPAs have been approved for recovery through the Variable Portion of Boston Edison's Transition Charge. The Petitioners propose to recover costs relating to the TransCanada Purchase and Sale Agreement through the Variable Component of Boston Edison's Transition Charge. The application of the savings relating to the TransCanada Purchase and Sale Agreement is presented in Mr. Lubbock's testimony.
- 15. G.L. c. 164, §§ 1A and 1G require electric companies to seek to mitigate transition costs, including, as one mitigation method, the buyout of above-market power-purchase contracts. G.L. c. 164, § 1G(d)(1) and (2).
- 16. In reviewing power contract buyouts, buydowns and renegotiations, the Department generally considers the consistency of the proposed transactions with a company's Department-approved restructuring plan or settlement and the Restructuring Act in that the "sale process is equitable and maximizes the value of the existing generation facilities being sold." G.L. c. 164, s. 1A(b)(1).
- 17. Consistent with the Act, Boston Edison's Restructuring Settlement, approved by the Department in <u>Boston Edison Company</u>, D.P.U./D.T.E. 96-23, requires Boston Edison to mitigate its transition costs by "endeavor[ing] to sell, assign or otherwise dispose of its purchased power contracts on terms that will assign ongoing contract payments to a nonaffiliated third party" (Settlement Agreement at §V.C.3.(a)). The Department found that the Settlement Agreement's provisions regarding mitigation were consistent with or substantially complied with the Act.

18. The TransCanada Purchase and Sale Agreement should be approved by the Department because, consistent with the Act's requirements regarding the renegotiation of PPAs, the TransCanada Purchase and Sale Agreement is: (1) likely to achieve savings to customers; and (2) is otherwise in the public interest. Given the estimated savings of approximately \$12 million on an NPV basis relating to the TransCanada Purchase and Sale Agreement and the fact that the savings will be passed on to customers, customers would realize an extraordinary level of savings. Moreover, renegotiating PPAs is consistent with the Act and the Company's Restructuring Settlement and therefore, approval of the TransCanada Purchase and Sale Agreement is in the public interest. Accordingly, the TransCanada Purchase and Sale Agreement is reasonable and consistent with the Department's standard of review for buyout or buydown agreements. Therefore, the Department should review and approve the TransCanada Purchase and Sale Agreement expeditiously so that the customers of Boston Edison may realize the significant amount of savings relating to such agreement.

WHEREFORE, Boston Edison respectfully requests the Department to approve the TransCanada Purchase and Sale Agreement, and the Petitioners request that the Department make the following findings:

- A. The 2003 Auction was conducted consistent with Boston Edison's Restructuring Settlement in that the auction was equitable and maximized the value of the assets that were subject to the auction, pursuant to G.L. c. 164, § 1A(b)(1).
- B. The TransCanada Purchase and Sale Agreement is consistent with the Act and maximize the mitigation of Boston Edison's transition costs.

- C. The TransCanada Purchase and Sale Agreement is reasonable, is in the public interest and is consistent with the requirements of G.L. c. 164, § 1G(d)(2)(ii).
- D. The proposed ratemaking treatment for the above-market portion of the TransCanada Purchase and Sale Agreement is consistent with the Restructuring Settlement, the Act, G.L. c. 164, § 1G(b)(1) and G.L. c. 164, §§76, 94 and 94A.
- E. The Company also respectfully requests that the Department grant any other approvals and make any other findings that may be necessary or appropriate to approve the TransCanada Purchase and Sale Agreement as described herein.

The Company respectfully requests a decision from the Department on an expedited basis.

Respectfully submitted,

**BOSTON EDISON COMPANY** 

By Its Attorneys,

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John K. Habib, Esq.

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Dated: July 16, 2004

# APPENDIX A

## PURCHASE AND SALE AGREEMENT

Between

**BOSTON EDISON COMPANY** 

and

TRANSCANADA ENERGY LTD.

June 23, 2004

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#### PURCHASE AND SALE AGREEMENT

Purchase and Sale Agreement made on this 23rd day of June, 2004 by and between TransCanada Energy Ltd., a Canadian corporation (the "Buyer") and Boston Edison Company, a Massachusetts corporation (the "Seller"), each individually a "Party" and collectively the "Parties".

#### WITNESSETH:

WHEREAS, the Seller is party to certain power contracts described in Exhibit A to this Agreement (the "OSP Contracts"); and

WHEREAS, pursuant to a solicitation process commenced in October, 2003, the Seller solicited competitive bids for certain power supply contracts; and

WHEREAS, the Seller and the Buyer desire to enter into this Agreement to establish the terms of the purchase and sale of the OSP Contracts;

NOW, THEREFORE, in consideration of these premises and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Seller and the Buyer agree as follows:

#### **ARTICLE 1 - DEFINITIONS**

#### 1.1 Definitions

In this Agreement, unless something in the subject matter or context is inconsistent therewith, all capitalized terms shall have the meanings ascribed thereto as follows:

- (a) "Affiliate" has the meaning ascribed to that term by the Securities Exchange Act of 1934:
- (b) "Agreement" means this agreement and all amendments made hereto in accordance with the provisions hereof;
- (c) "Assignment and Assumption Agreement" means the Assignment and Assumption Agreement attached as Exhibit B between the Buyer and the Seller;
- (d) "Business Day" means any day other than a Saturday, Sunday or holiday which is recognized in The Commonwealth of Massachusetts;
- (e) "Claims" shall mean any and all losses, damages, costs, expenses, injuries of any kind or character, claims, actions, causes of action, demands, fees (including, without limitation, all legal and other professional fees and disbursements, court costs and experts' fees), levies, taxes, judgments, fines, charges, deficiencies, interest, penalties and amounts paid in settlement, whether arising in equity, at common law, by statute, or under the law of contract, tort (including, without limitation, negligence and strict liability without regard to fault) or property law, of every kind or character;

- (f) "Closing" has the meaning ascribed to that term in Section 3.2;
- (g) "Closing Conditions" has the meaning ascribed to that term in Section 3.2;
- (h) "Closing Date" has the meaning ascribed to that term in Section 3.2;
- (i) "Consent and Release Agreements" means the Consent and Release Agreements attached as Exhibits E and F;
- (j) "Encumbrances" means any mortgages, pledges, liens, security interests, assessments, encumbrances and charges of any kind;
- (k) "Entitlement Payment Agreement" means the Entitlement Payment Agreement between Buyer and Seller attached as Exhibit C;
- (1) "FERC" means the Federal Energy Regulatory Commission;
- (m) "Form W-8BEN" means Form W-8BEN attached as Exhibit G or any successor form thereto;
- (n) "Interim Period" has the meaning ascribed to that term in Exhibit D;
- (o) "Interim Period Refund" has the meaning ascribed to that term in Exhibit D;
- (p) "MDTE" means the Massachusetts Department of Telecommunications and Energy;
- (q) "OSP" means Ocean State Power, a Rhode Island partnership and party to one of the OSP Contracts;
- (r) "OSP II" means Ocean State Power II, a Rhode Island partnership and party to one of the OSP Contracts;
- (s) "OSP Contracts" has the meaning ascribed to that term in the Recital;
- (t) "Purchased Assets" means all right, title and interests of the Seller in and to and all liabilities and obligations of the Seller under the OSP Contracts;
- (u) "Purchase Price" has the meaning ascribed to that term in Section 3.1;
- (v) "Taxes" means all taxes, charges, fees, levies, penalties or other assessments imposed by any United States federal, state or local or foreign taxing authority, including, but not limited to, income, excise, property, sales, transfer, franchise, payroll, withholding, social security or other taxes, including any interest, penalties, or additions attributable thereto.

#### **ARTICLE 2 - PURCHASE AND SALE**

#### 2.1 The Sale

Upon the terms and subject to the satisfaction of the conditions set forth herein and effective as of the Closing Date, the Seller will permanently assign, convey, transfer and deliver to the Buyer and the Buyer will purchase and acquire from the Seller, free and clear of all Encumbrances, all of the Seller's right, title and interest in the Purchased Assets. Subject to the provisions of Section 7.2, the Parties acknowledge and agree that, from and after the Closing Date, the Seller shall have no further obligations or liabilities under the OSP Contracts except for such obligations and liabilities arising prior to the Closing Date.

#### ARTICLE 3 - PURCHASE PRICE AND CLOSING

#### 3.1 Purchase Price

The purchase price to be paid for the Purchased Assets shall be one dollar (the "Purchase Price"), the receipt of which is hereby acknowledged.

#### 3.2 Closing

Upon the terms and subject to the satisfaction of the conditions contained in Article 4 (the "Closing Conditions"), the closing of the sale of the Purchased Assets contemplated by this Agreement (the "Closing") will take place at Seller's offices in Boston, Massachusetts at 10:00 a.m. (local time) on such date as the Parties may agree, which date is as soon as practicable but no later than fifteen (15) Business Days following the date on which all of the Closing Conditions have been satisfied or waived; or at such other place or time as the Parties may agree. The date and time at which the Closing actually occurs is herein after referred to as the "Closing Date".

#### 3.3 Deliveries by the Seller

At the Closing, the Seller shall deliver or cause to be delivered to the Buyer the following:

- (a) the Assignment and Assumption Agreement, duly executed by the Seller;
- (b) the Entitlement Payment Agreement, duly executed by the Seller;
- (c) the Officer's certificate referred to in Section 4.3(a); and
- (d) the Consent and Release Agreements, duly executed by Seller and OSP or OSP II, as the case may be.

## 3.4 Deliveries by the Buyer.

At the Closing, the Buyer shall deliver or cause to be delivered to the Seller the following:

- (a) the Assignment and Assumption Agreement, duly executed by the Buyer;
- (b) the Entitlement Payment Agreement, duly executed by the Buyer;
- (c) the Officer's certificate referred to in Section 4.2(a); and
- (d) a completed Form W-8BEN.

#### ARTICLE 4 - CONDITIONS TO SALE

#### 4.1 Conditions to Obligations of both Parties

The obligations of the Buyer and the Seller under this Agreement are subject to the fulfillment and satisfaction, on or prior to the Closing Date, of each of the following obligations, any one or more of which may be waived, in whole or in part, only in writing by both the Buyer and the Seller:

- (a) No Restraining Proceedings. No preliminary or permanent injunction or other order or decree by any court of competent jurisdiction or any governmental entity which prevents the consummation of the sale of the Purchased Assets contemplated hereby shall have been issued and remain in effect (each Party agreeing to use its reasonable best efforts to have any such injunction, order or decree lifted) and no statutes, rule or regulation shall be enacted by any state or federal government or governmental agency in the United States which prohibits the consummation of the sale of the Purchased Assets.
- (b) Governmental Approvals. All the approvals and authorizations required for the effectiveness of this Agreement and for the performance by the Seller and the Buyer of their respective obligations under this Agreement, shall have been received in a form reasonably acceptable to the Buyer and the Seller, specifically including final approvals of the MDTE and the FERC, and are no longer subject to reconsideration or appeal.
- (c) NEPOOL/ ISO. Any and all necessary filings or notices shall have been given or made with the New England Power Pool and/or the New England Independent System Operator and any and all approvals or authorizations concerning the transaction contemplated by this Agreement shall have been received in a form reasonably acceptable to each Party.

#### 4.2 Conditions to Obligation of the Seller

The obligations of the Seller under this Agreement are subject to the fulfillment and satisfaction, on or prior to the Closing Date, of each of the following conditions, any one or more of which may be waived, in whole or in part, only in writing by the Seller:

(a) Representations. Warranties and Covenants True at the Closing Date. (i) All representations and warranties of Buyer contained in Sections 5.1 and 5.2 of this Agreement shall be true and correct in all material respects as of the date when made and at and as of the Closing Date as though such representations and warranties had been made or given on such date (except to the extent such representations and warranties specifically pertain to an earlier date), except (x) for changes contemplated by this Agreement and (y) where the failure to be true and correct will not have a material adverse effect on the business, property, financial condition, results of operations or prospects of Seller, or on the Seller's rights under this Agreement; (ii) Buyer shall have performed and complied with, in all material respects, its

obligations that are to be performed by or complied with prior to or on the Closing Date; and (iii) Buyer shall have delivered a certificate signed by one of its duly authorized officers certifying as to the fulfillment of the conditions set forth in the foregoing clauses (i) and (ii).

(b) <u>Consents/ Releases</u>. All consents, approvals and releases for the transactions contemplated hereby under the terms of the OSP Contracts or any other related agreement have been obtained in a form satisfactory to the Seller, including without limitation the Consent and Release documents executed by OSP and OSP II which are attached as Exhibits E and F.

#### 4.3 Conditions to Obligation of Buyer

The obligations of Buyer under this Agreement are subject to the fulfillment and satisfaction, on or prior to the Closing Date, of each of the following conditions, any one or more of which may only be waived in writing, in whole or in part, by Buyer:

- Representations, Warranties and Covenants True at the Closing Date. (i) All (a) representations and warranties of the Seller contained in Sections 5.3 (a), (c) and (e) of this Agreement shall be true and correct in all respects and all other representations of the Seller contained in Sections 5.1 and Section 5.3 (b) and (d) of this Agreement shall be true and correct in all material respects, when made and at and as of the Closing Date as though such representations and warranties had been made or given on such date (except to the extent such representations and warranties specifically pertain to an earlier date), except (x) for changes contemplated by this Agreement and (y) where the failure to be true and correct will not have a material adverse effect on the OSP Contracts or the Buyer's rights under this Agreement; (ii) the Seller shall have performed and complied with, in all material respects, its obligations that are to be performed or complied with by it prior to or on the Closing Date; and (iii) the Seller shall deliver a certificate signed by one of its duly authorized officers certifying as to the fulfillment of the conditions set forth in the foregoing clauses (i) and (ii).
- (b) Encumbrances. There shall be no Encumbrances on the Purchased Assets.

#### 4.4 Obligation with Respect To Conditions

The Seller and the Buyer shall each use reasonable efforts to obtain all of the foregoing approvals and authorizations and to otherwise satisfy the foregoing conditions. Each Party agrees to promptly advise the other of the fulfillment or waiver of any condition and any material events associated with such conditions, and further each Party agrees to promptly notify the other in the event that such Party determines that any required consent or government approval or authorization is not acceptable to such Party.

#### ARTICLE 5 - REPRESENTATIONS AND WARRANTIES

#### 5.1 Representations and Warranties of Both Parties

Each Party hereby represents and warrants to the other that:

- (a) It is duly organized, validly existing and in good standing under the laws of its jurisdiction of organization and is duly qualified to do business in all jurisdictions where such qualification is required.
- It has full power and authority to enter this Agreement and perform its obligations (b) hereunder. The execution, delivery and performance of this Agreement have been duly authorized by all necessary corporate action and do not and will not contravene its organizational documents or conflict with, result in a breach of, or entitle any party (with due notice or lapse of time or both) to terminate, accelerate or declare a default under, any agreement or instrument to which it is a party or by which it is bound. The execution, delivery and performance by it of this Agreement will not result in any violation by it of any law, rule or regulation applicable to it. It is not a party to, nor subject to or bound by, any judgment, injunction or decree of any court or other governmental entity, which may restrict or interfere with the performance of this Agreement by it. This Agreement has been duly and validly executed and delivered on its behalf and is its valid and binding obligation and is enforceable against it in accordance with its terms, except that such enforceability may be limited by applicable bankruptcy, insolvency, moratorium, reorganization or other similar laws affecting or relating to the enforcement of creditor's rights generally or general principles of equity.
- (c) Except for the approvals of the FERC and MDTE, no consent, waiver, order, approval, authorization or order of, or registration, qualification or filing with, any court or other governmental agency or authority is required for the execution, delivery and performance by such Party of this Agreement and the consummation by such Party of the transactions contemplated hereby. No agreement, consent or waiver of any party to any contract to which such Party is a party or by which it is bound is required for the execution, delivery and performance by such Party of this Agreement which has not been duly obtained.
- (d) Except for any fees payable by the Seller to Concentric Energy Advisors, Inc., no broker, finder or other person is entitled to any fees or commissions in connection with this Agreement or the transaction contemplated herein.

#### 5.2 Additional Representations and Warranties of Buyer

The Buyer hereby represents and warrants with the Seller that the Buyer has (i) been represented by counsel, (ii) had the opportunity to make a complete and thorough review of the OSP Contracts and all related documents, sufficient for it to understand the benefits and risks of the transactions contemplated by this Agreement, and (iii) that the Buyer is not relying on any representations or warranties by the Seller or any person actually or purportedly acting on the Seller's

behalf with respect to any matter affecting or arising out of or in connection with the OSP Contracts, except as otherwise expressly set forth in this Agreement.

## 5.3 Additional Representations and Warranties of Seller

Seller hereby represents and warrants with the Buyer that:

- (a) The Seller has good and valid title to the Purchased Assets, free and clear of all Encumbrances.
- (b) The OSP Contracts (i) constitute valid and binding obligations of the Seller and to the best knowledge of the Seller constitute valid and binding obligations of OSP and OSP II, (ii) are in full force and effect, and (iii) upon receipt of the Consent and Release Agreements, do not prohibit the transfer of the OSP Contracts hereunder and will continue in full force and effect thereafter, in each case without breaching the terms thereof or resulting in the forfeiture or impairment of any rights thereunder.
- (c) There is not, under the OSP Contracts, any default or event which, with notice or lapse of time or both, would constitute a default on the part of Seller or, to the knowledge of Seller, OSP or OSP II.
- (d) There are no actions or proceedings pending or to the knowledge of the Seller, threatened, against the Seller or its Affiliates relating to the Purchased Assets or any such actions or proceedings, the subject matter of which is the Purchased Assets, except to the extent that such actions or proceedings would be subject to an indemnity obligation of the Seller pursuant to Section 7.2.
- (e) No person has any agreement, option, understanding or commitment, or any right or privilege (whether by law, pre-emptive or contractual) capable of becoming an agreement, option or commitment, including convertible securities, warrants or convertible obligations of any nature, for the purchase from the Seller of any interest in the Purchased Assets.

## 5.4 Survival of Representations and Warranties

- (a) The representations and warranties made by the Seller herein or contained in any schedule or exhibit attached hereto or other document or certificate given in order to carry out the transaction contemplated herein shall survive the Closing and, notwithstanding such Closing or any investigation made by or on behalf of the Buyer or any other person or any knowledge of the Buyer or any other person, shall continue in full force and effect for the benefit of the Buyer.
- (b) The representations and warranties made by the Buyer herein or contained in any schedule or exhibit attached hereto or other document of certificate given in order to carry out the transaction contemplated herein shall survive the Closing and, notwithstanding such Closing or any investigation made by or on behalf of the Seller

or any other person or any knowledge of the Seller or any other person, shall continue in full force and effect for the benefit of the Seller.

#### **ARTICLE 6 - COVENANTS**

#### 6.1 Seller's Covenants with Respect to the OSP Contracts

- (a) During the period from the date of this Agreement to the Closing Date and subject to the activities contemplated in Exhibit D hereto, the Seller will conduct its business with respect to the Purchased Assets according to its ordinary and usual course of business consistent with past practice and will not amend (or waive any rights under) the OSP Contracts without the Buyer's prior written consent or take any action or fail to take any action that would result in a material breach of the Seller's obligations under the OSP Contracts.
- (b) The Seller shall use reasonable efforts to promptly provide the Buyer with documents and information regarding operation, dispatch, scheduling and other matters relevant to the OSP Contracts prior to the Closing Date and which are available to the Seller. To the extent that the Seller receives any notices issued prior to the Closing Date pursuant to the terms of the OSP Contracts, the Seller agrees promptly to forward such notices to the Buyer within five (5) Business Days from the Seller's receipt thereof.
- (c) The Seller shall make timely payments of all amounts due for periods prior to the Closing Date under the OSP Contracts.
- (d) The Seller shall keep the OSP Contracts in good standing and shall not take any action or fail to take any action that would result in a breach of the Seller's obligations under the OSP Contracts. In the case of a breach by OSP or OSP II under the OSP Contracts prior to the Closing Date, the Seller shall cooperate with the Buyer to enforce the provisions of the OSP Contracts.
- (e) The Seller shall keep the Purchased Assets free and clear of any and all Encumbrances except such Encumbrances imposed on account of Buyer or Buyer's affiliates.
- (f) During the Interim Period, the Seller shall perform its obligations set out in Exhibit D.
- (g) From and after the Closing Date, the Seller shall pay to the Buyer the amounts due pursuant to and in accordance with the Entitlement Payment Agreement.

#### 6.2 Buyer's Covenants

(a) The Buyer hereby assumes and agrees to pay, perform or discharge in accordance with their terms, from and after the Closing Date, to the extent not heretofore paid,

- performed or discharged, all liabilities and obligations of the Seller under the OSP Contracts, except for any obligations or liabilities arising prior to the Closing Date.
- (b) During the Interim Period, the Buyer shall perform all obligations assumed by it pursuant to the temporary entitlement transfer referred to in Exhibit D.
- (c) The Buyer shall use reasonable efforts to promptly provide the Seller with documents and information regarding operation, dispatch, scheduling and other matters relevant to the OSP Contracts prior to the Closing Date and which are available to the Buyer.

#### 6.3 Consents and Approvals

The Seller and the Buyer shall cooperate with each other and (i) promptly prepare and file all necessary documentation, (ii) effect all necessary applications, notices, petitions and filings and execute all agreements and documents, (iii) use all commercially reasonably efforts to obtain all necessary consents, approvals and authorization of all other parties, necessary or advisable to consummate the transaction contemplated by this Agreement.

## 6.4 Taxes

All payments made under this Agreement shall be made without withholding or deduction for Taxes, provided that the Buyer has provided to the Seller at Closing and thereafter as reasonably requested by the Seller a Form W-8BEN.

## **ARTICLE 7 - INDEMNIFICATION**

#### 7.1 Indemnification by Buyer

The Buyer shall indemnify, defend and hold harmless the Seller and the Seller's officers, directors, agents, employees and Affiliates from and against any and all Claims relating to or arising out of:

- (a) Any material failure of the Buyer to observe or perform any term or provision of this Agreement or the Entitlement Payment Agreement which is the Buyer's obligation to observe or perform;
- (b) All liabilities and obligations arising under or relating to the OSP Contracts from and after the Closing Date; or
- (c) Any failure of any representation or warranty made by the Buyer herein to be true in any material respect.

#### 7.2 Indemnification by the Seller

The Seller shall indemnify, defend and hold harmless the Buyer, its officers, directors, agents, employees and Affiliates from and against any and all Claims relating to or arising out of:

- (a) Any material failure of the Seller to observe or perform any term or provision of this Agreement, the Entitlement Payment Agreement or the OSP Contracts which is the Seller's obligation to observe or perform;
- (b) All liabilities and obligations arising under or relating to the OSP Contracts, prior to the Closing Date;
- (c) Any failure of any representation or warranty made by the Seller in Sections 5.1, 5.3 (b) and 5.3 (d) to be true in any material respect; or
- (d) Any failure of any representation or warranty made by the Seller in Sections 5.3 (a), (c) and (e) to be true in any respect.

#### 7.3 Indemnification Procedures

If any Party intends to seek indemnification under this Article 7 from the other Party with respect to any Claim, the Party seeking indemnification shall give the other Party notice of such Claim within fifteen (15) days of the commencement of, or actual knowledge of, such Claim. The omission of any Party seeking indemnification under this Article 7 to so notify the other Party of any such Claim within the time period set forth above shall not relieve such other Party from any liability which they may have to the Party seeking indemnification under this Article 7 unless, and only to the extent that, such omission results in the forfeiture of substantive rights or defenses of such other Party. With respect to any third party claim, the Party seeking indemnification shall have the right, at its sole cost and expense, to participate in the defense of any such Claim. The Party providing indemnification shall not compromise or settle any such Claim unless such settlement or compromise includes an unconditional release of the Party seeking indemnification from all liability arising or that may arise from such Claim and imposes no material obligations upon the Party seeking indemnification. Each Party agrees that it will not, without the prior consent of the other Party, settle, compromise or consent to the entry of any judgment in any pending or threatened Claim, which consent shall not be unreasonably withheld.

#### **ARTICLE 8 - TERMINATION**

## 8.1 Grounds for Termination Prior to Closing

This Agreement may be terminated at any time prior to Closing;

- (a) by the mutual written agreement of the Parties;
- (b) by the Seller or the Buyer if Closing shall not have been completed on or before December 31, 2004, or such other date, if any, as the Buyer and the Seller shall have agreed to in writing; or
- (c) by one Party if the other Party has materially breached its obligations hereunder and such breach has not been cured within thirty (30) days of written notification thereof.

#### 8.2 Effect of Termination.

If this Agreement is terminated by the Buyer or the Seller as permitted under Section 8.1(a) or (b):

- (a) the Buyer shall pay to the Seller the Interim Period Refund in accordance with Exhibit D.
- (b) except as provided for in Section 8.2 (a), and with respect to any Party then in breach, such termination shall be without liability of either Party to the other Party, or to any of its or their shareholders, directors, officers, employees, agents, consultants or representatives.

## ARTICLE 9 - GENERAL PROVISIONS

#### 9.1 Expenses

Subject to the provisions of Section 8.2(b), each Party is responsible for its own legal fees and other charges incurred in connection with the preparation of this Agreement, all negotiations between the Parties, and the consummation of the transactions contemplated hereby.

#### 9.2 Further Assurances

Each of the Parties hereto shall from time to time execute and deliver all such further documents and instruments and do all acts and things as any other party may reasonably require to effectively carry out or better evidence or perfect the full intent and meaning of this Agreement.

## 9.3 Entire Agreement

Except as specifically provided in this Agreement, this Agreement constitutes the entire agreement between the Parties in respect of the subject matter hereof and cancel and supersede any prior agreements, undertakings, declarations, commitments, representations, written or oral, in respect thereof.

#### 9.4 Notices

Any demand, notice or communication to be made or given hereunder shall be in writing and may be made or given by personal delivery or by transmittal by telecopy or other electronic means of communication addressed to the respective Party as follows:

To the Seller: One NSTAR Way Westwood, MA 02090

Attention: Ellen K. Angley, Vice President, Energy Supply and Transmission

Fax No.: (781) 441-8078

To the Buyer: 450 – 1<sup>st</sup> Street SW Calgary, Alberta T2P 5H1

Attention:

Director, Business Development

Fax No.:

(403) 920-2421

or to such other address or telecopy number as any Party may from time to time notify the other in accordance with this Section 9.4. Any demand, notice or communication made or given by personal delivery shall be conclusively deemed to have been given on the day of actual delivery thereof, or, if made or given by electronic means of communication, on the first Business Day following the transmittal thereof.

#### 9.5 Announcements

No announcement with respect to this Agreement or the transaction contemplated herein shall be made by either Party without the prior written approval of the other Party. The foregoing shall not apply to any announcement by a Party required in order to comply with laws or stock exchange regulations pertaining to timely disclosure, provided that such Party consults with the other Party before making any such announcement.

## 9.6 Benefit of the Agreement

This Agreement shall enure to the benefit of and be binding upon the Parties and their respective successors and permitted assigns.

#### **9.7** Time

Time shall be of the essence. If the date specified in this Agreement for giving any notice or taking any action is not a Business Day (or if the period during which any notice is required to be given or any action taken expires on a date which is not a Business Day) then the date for giving such notice or taking such action (and the expiration date of such period during which notice is required to be given or action taken) shall be the next day which is a Business Day.

#### 9.8 Assignment

Neither of the Parties hereto shall assign its rights or obligations hereunder without the prior written consent of the other Party.

#### 9.9 Counterparts

This Agreement may be executed in any number of counterparts each of which shall be deemed to be an original and all of which taken together shall be deemed to constitute one and the same instrument, and it shall not be necessary in making proof of this Agreement to produce or account for more than one such executed counterpart.

#### 9.10 Severability

Any provision of this Agreement which is prohibited or unenforceable in any jurisdiction shall not invalidate the remaining provisions hereof and any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction. In respect of any provision so determined to be unenforceable or invalid, the Parties agree to negotiate in good faith in order to replace the unenforceable or invalid provision with a new provision that is enforceable and valid in order to give effect to the business intent of the original provision to the extent permitted by law and in accordance with the intent of this Agreement.

#### 9.11 Amendments and Waivers

No modification of or amendment to this Agreement shall be valid or binding unless set forth in writing and duly executed by each of the Parties hereto and no waiver of any breach of any term or provision of this Agreement shall be effective or binding unless made in writing and signed by the Party purporting to give the same and, unless otherwise provided, shall be limited to the specific breach waived.

#### 9.12 Headings

The division of this Agreement into Articles and Sections and the insertion of headings are for convenience of reference only and shall not affect the construction or interpretation of this Agreement. The terms "hereof", "hereunder" and similar expressions refer to this Agreement and not to any particular Article, Section or other portion hereof and include any agreement supplemental hereto. Unless something in the subject matter or context is inconsistent therewith, references herein to Exhibits, Articles and Sections shall refer to Exhibits, Articles and Sections of this Agreement.

#### 9.13 Interpretation

In this Agreement words importing the singular number only shall include the plural and vice versa, and words importing gender shall include all genders and words importing persons shall include individuals, sole proprietorships, partnerships, associations, trusts, joint ventures, unincorporated organizations and corporations and natural persons in their capacities as trustees, executors, administrators or other legal representatives.

## 9.14 Statutory References

Any reference to a statute shall include and shall be deemed to be, a reference to such statute and to the regulations made pursuant thereto, and all amendments made thereto and enforced from time to time, and to any statute or regulation that may be passed that has the effect of supplementing or replacing the statute so referred to or the regulations made pursuant thereto, and any reference to an order, ruling or decision shall be deemed to be a reference to such order, ruling or decision as the same may be varied, amended, modified, supplemented or replaced from time to time.

#### 9.15 Funds

All dollar amounts referred to in this Agreement are in US dollars.

#### 9.16 Exhibits

The following are the Exhibits annexed hereto and incorporated by reference and deemed to be part hereof:

Exhibit A - OSP Contracts

Exhibit B - Assignment and Assumption Agreement

Exhibit C - Entitlement Payment Agreement

Exhibit D - Interim Period

Exhibit E - Consent and Release from OSP Exhibit F - Consent and Release from OSP II

Exhibit G - Form W-8BEN

#### 9.17 No Drafting Presumption

The Parties acknowledge that their respective legal counsel have reviewed and participated in settling the terms of this Agreement and the Parties hereby agree that any rule of construction to the effect that any ambiguity is to be resolved against the drafting party shall not be applicable in the interpretation of this Agreement.

#### 9.18 Governing Law

This Agreement shall be construed and enforced in accordance with the laws of The Commonwealth of Massachusetts without regard to the conflicts of laws provisions in effect therein.

IN WITNESS WHEREOF, this Agreement has been duly executed and delivered by the duly authorized officers of the Parties as of the date first above written.

TRANSCANADA ENERGY LTD.

BOSTON EDISON COMPANY

Name: Vice President

Title: Vice President

Name: Ellen K. Angley

Title: Vice President Energy Supply &
Transmission

Name: Kristine L. Delkus
Title: Vice-President, Law

: Afteriord ....

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#### EXHIBIT A

## OSP CONTRACTS

I. Unit Power Agreement for the Sale of Unit Capacity and Energy from Ocean State Power to Boston Edison Company dated December 31, 1985, as amended.

II. Unit Power Agreement for the Sale of Unit 2 Capacity and Energy from Ocean State Power II to Boston Edison Company dated July 1, 1988, as amended.

#### EXHIBIT B

#### TO PURCHASE AND SALE AGREEMENT

#### ASSIGNMENT AND ASSUMPTION AGREEMENT

Assignment and Assumption Agreement (this "Agreement") made, executed and delivered on this \_\_\_\_\_ day of \_\_\_\_, 2004, by and between TRANSCANADA ENERGY LTD., a Canadian corporation (the "Buyer"), and BOSTON EDISON COMPANY, a Massachusetts corporation (the "Seller").

#### WITNESSETH:

WHEREAS, pursuant to that certain Purchase and Sale Agreement, dated as of June 23, 2004 (as amended, supplemented or otherwise modified from time to time, the "Purchase Agreement"), by and between the Seller and the Buyer, the Seller agreed to sell and the Buyer agreed to buy the Purchased Assets (as defined in the Purchase Agreement); and

WHEREAS, the Purchase Agreement requires that the Seller assign all of its right, title and interest in, and that the Buyer assume all liabilities and obligations of the Seller under, the OSP Contracts (as defined in the Purchase Agreement);

NOW THEREFORE, in good consideration of these premises and for other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the Seller and the Buyer agree as follows:

- 1. Capitalized terms which are used in this Agreement but are not defined in this Agreement shall have the meaning ascribed to such terms in the Purchase Agreement.
- 2. As of the Closing Date, the Seller hereby assigns, transfers and sets over to the Buyer all of the Seller's rights, title and interest in and to the OSP Contracts, free and clear of all Encumbrances.
- 3. As of the Closing Date, the Buyer hereby assumes and agrees to pay, perform or discharge in accordance with their terms, to the extent not heretofore paid, performed or discharged, all liabilities and obligations of the Seller under the OSP Contracts except for such liabilities and obligations arising prior to the Closing Date.
- 4. It is understood and agreed that nothing in this Agreement shall constitute a waiver or release of any claims arising out the contractual relationships between the Seller and the Buyer.
- 5. This Agreement shall inure to the benefit and be enforceable against the respective successors and assigns of the Seller and the Buyer.

- 6. This Agreement shall be governed by and construed in accordance with the laws of The Commonwealth of Massachusetts (regardless of the laws that might otherwise govern under applicable Massachusetts principles of conflicts of laws).
- 7. This Agreement is delivered pursuant to and is subject to the Purchase Agreement. In the event of any conflict between the terms of the Purchase Agreement and the terms of this Agreement, the terms of the Purchase Agreement shall prevail.

IN WITNESS WHEREOF, this Agreement has been duly executed and delivered by the respective duly authorized officers of the Seller and the Buyer as of the date first above written.

#### TRANSCANADA ENERGY LTD.

Ву:
Name:
Title:
Ву:
Name:
Title:
BOSTON EDISON COMPANY
Ву:
Name:
Title:

## EXHIBIT C

## ENTITLEMENT PAYMENT AGREEMENT

## ENTITLEMENT PAYMENT AGREEMENT

Between

BOSTON EDISON COMPANY

and

TRANSCANADA ENERGY LTD.

\_\_\_\_\_, 2004

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## ENTITLEMENT PAYMENT AGREEMENT

Entitlement Payment Agreement made on this \_\_\_\_ day of \_\_\_\_\_, 2004 by and between TransCanada Energy Ltd., a Canadian corporation ("TCE") and Boston Edison Company, a Massachusetts corporation ("Boston Edison"), each individually a "Party" and collectively the "Parties".

WHEREAS, pursuant to that certain Purchase and Sale Agreement dated as of June 23, 2004 and the exhibits thereto (as amended, supplemented or otherwise modified from time to time, the "Purchase Agreement") by and between TCE and Boston Edison, Boston Edison agreed to sell and assign and TCE agreed to buy and assume the OSP Contracts; and

WHEREAS, the Purchase Agreement requires that Boston Edison make certain payments to TCE and, for that purpose, Boston Edison and TCE have agreed to execute and deliver this Entitlement Payment Agreement;

NOW THEREFORE, in good consideration of the execution of the Purchase Agreement, these premises and for other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, Boston Edison and TransCanada agree as follows:

### **ARTICLE 1 - DEFINITIONS**

#### 1.1 Definitions

In this Agreement, unless something in the subject matter or context is inconsistent therewith, all capitalized terms shall have the meanings ascribed thereto as follows:

- "Agreement" means this agreement and all amendments made hereto in accordance with the provisions hereof;
- (b) "Business Day" means any day other than a Saturday, Sunday or holiday which is recognized in The Commonwealth of Massachusetts;
- (c) "Closing Date" means the date of this Agreement set out above;
- (d) "Form W-8BEN" means Form W-8BEN attached as Exhibit C or any successor form thereto;
- (e) "Insolvency Event" means with respect to Boston Edison the occurrence of one or more of the following:
  - a custodian, receiver, liquidator or trustee of it or of any of its property is appointed or takes possession and such appointment or possession remains uncontested or in effect for more than 30 days;
  - (ii) it makes an assignment for the benefit of its creditors or admits in writing its inability to pay its debts as they mature;
  - (iii) it is adjudicated bankrupt or insolvent; or an order for relief is entered under the United States Bankruptcy Code against it;

- (iv) a petition is filed against it under any bankruptcy, reorganization, arrangement, insolvency, readjustment of debt, dissolution or liquidation law of any jurisdiction, whether now or subsequently in effect, and is not stayed or dismissed within 30 days after filing;
- (v) it files a petition in voluntary bankruptcy or seeking relief under any provision of any bankruptcy, reorganization, arrangement, insolvency, readjustment of debt, dissolution or liquidation law of any jurisdiction, whether now or subsequently in effect; or consents to the filing of any petition against it under any such law; or consents to the appointment of or taking possession by a custodian, receiver, trustee or liquidator of it or any of its property;
- (f) "Moody's" means Moody's Investors Service, Inc. and its successors;
- (g) "OSP" means Ocean State Power, a Rhode Island partnership and party to one of the OSP Contracts;
- (h) "OSP II" means Ocean State Power II, a Rhode Island partnership and party to one of the OSP Contracts;
- (i) "OSP Contracts" means those contracts listed in Exhibit A;
- (j) "Prime Rate" means the prime rate published in the "Money Rates" section of the Wall Street Journal;
- (k) "S&P" means Standard & Poor's Ratings Services, a division of The McGraw-Hill Companies, Inc. and its successors;
- (l) "Taxes" means all taxes, charges, fees, levies, penalties or other assessments imposed by any United States federal, state or local or foreign taxing authority, including, but not limited to, income, excise, property, sales, transfer, franchise, payroll, withholding, social security or other taxes, including any interest, penalties, or additions attributable thereto;
- (m) "United Sates Bankruptcy Code" means the Federal Bankruptcy Reform Act of 1978 C11 U.S.C. § 101, et seq., as amended and in effect from time to time and the regulations issued from time to time thereunder.

## ARTICLE 2 - ENTITLEMENT PAYMENT

#### 2.1 Entitlement Payment

Boston Edison agrees to pay to TCE monthly, on the first Business Day of each month following the Closing Date and otherwise in accordance with Section 2.2 and Exhibit B, the amounts set forth below:

```
2004: $3,001,111 per month for the months of April through December 2005: $1,813,333 per month 2006: $1,883,333 per month 2007: $1,813,333 per month 2008: $1,755,000 per month 2009: $1,576,667 per month
```

2010: \$1,156,667 per month 2011: \$577,778 per month for the months of January through September

If the Closing Date occurs other than on the first day of a month, the amount payable by Boston Edison for such month shall be pro rated based on the number of days in such month following and including the Closing Date and shall be payable on the Closing Date.

#### 2.2 True-Up Amounts

The responsible Party shall pay any amounts owing to the other pursuant to Exhibit B. Such payment shall be made to the Party to receive such payment in accordance with the provisions set forth in Exhibit B.

#### 2.3 Payment

All payments required under this Agreement shall be paid by wire transfer of immediately available funds to an account designated by the Party to receive such payment. If all or any part of any amount due and payable hereunder shall not be paid by the owing Party on the date specified herein, interest on the unpaid amount shall accrue from the due date of such payment until the date that payment is received and shall be paid to the other Party at the rate per annum of 2% above the Prime Rate in effect on such due date.

#### 2.4 Financial Assurances

If at any time throughout the term of this Agreement,

- (i) the debt rating on Boston Edison's long term senior unsecured debt (or, if unavailable, its corporate credit rating) falls below BBB by S&P or Baa2 by Moody's; or
- (ii) the debt rating on the long term senior unsecured debt (or, if unavailable, its corporate credit rating) of any provider of any Performance Assurance falls below BBB by S&P or Baa2 by Moody's,

then TCE shall be entitled to request that Boston Edison provide TCE with Performance Assurance, or replacement Performance Assurance in the case of Section 2.4 (ii), and Boston Edison shall have seven (7) Business Days from the date of such request to provide TCE with the requested Performance Assurance. "Performance Assurance" means sufficient security in the form and for the term reasonably satisfactory to TCE, including, but not limited to, one of the following: a standby irrevocable letter of credit from a financial institution reasonably acceptable to TCE, or a guarantee by an entity deemed to be creditworthy by TCE in its sole discretion. Such Performance Assurance shall be required to be maintained for only that period of time during which the debt ratings specified

in this Section 2.4 are not satisfied.

#### 2.5 Taxes

All payments made under this Agreement shall be made without withholding or deduction for Taxes, provided that the Buyer has provided to the Seller at Closing and thereafter as reasonably requested by the Seller a Form W-8BEN.

#### ARTICLE 3 - TERM

#### 3.1 Term

The term of this Agreement shall commence on the Closing Date and shall remain in effect until Boston Edison has, after giving effect to the obligations set forth in Section 2.2, fully paid to TCE the amounts set out in Section 2.1.

#### ARTICLE 4 - DEFAULTS

#### 4.1 Boston Edison Defaults

In the event that:

- (a) Boston Edison defaults in the performance of any of its obligations hereunder, including without limitation its obligations under Article 2 above, and fails to remedy such default within five (5) Business Days of notice thereof from TCE, or
- (b) an Insolvency Event occurs or exists in respect of Boston Edison,

then Boston Edison shall be considered in default hereof and TCE shall be entitled to pursue all legal remedies available to it.

#### 4.2 TCE Defaults

In the event that:

- (a) TCE defaults in the performance of any of its obligations hereunder, including without limitation its obligations under Section 2.2 above, or
- (b) TCE defaults under the Assignment and Assumption Agreement and as a result thereof Boston Edison assumes any obligations or liabilities under the OSP Contracts,

and fails to remedy such default within five (5) Business Days of notice thereof from Boston Edison, then TCE shall be considered in default hereof and Boston Edison shall be entitled to pursue all legal remedies available to it.

#### **ARTICLE 5 - GENERAL PROVISIONS**

#### 5.1 Expenses

Each Party is responsible for its own legal fees and other charges incurred in connection with the preparation of this Agreement, all negotiations between the Parties, and the consummation of the transactions contemplated hereby.

#### 5.2 Further Assurances

Each of the Parties hereto shall from time to time execute and deliver all such further documents and instruments and do all acts and things as any other party may reasonably require to effectively carry out or better evidence or perfect the full intent and meaning of this Agreement.

#### 5.3 Entire Agreement

Except, as specifically provided in this Agreement, this Agreement and the Purchase Agreement constitute the entire agreement between the Parties in respect of the subject matter hereof and cancel and supersede any prior agreements, undertakings, declarations, commitments, representations, written or oral, in respect thereof.

#### 5.4 Notices

Any demand, notice or communication to be made or given hereunder shall be in writing and may be made or given by personal delivery or by transmittal by telecopy or other electronic means of communication addressed to the respective Party as follows:

To Boston Edison: One NSTAR Way Westwood, MA 02090

Attention: Ellen K. Angley, Vice President, Energy Supply and Transmission

Fax No.: (781) 441-8078

To TCE: 55 Yonge Street, 8<sup>th</sup> Floor Toronto, Ontario M5E 1J4

Attention: Manager, Eastern Commercial Operation

Fax No.: (416) 869-2056

or to such other address or telecopy number as any Party may from time to time notify the other Party in accordance with this Section 4.4. Any demand, notice or communication made or given by personal delivery shall be conclusively deemed to have been given on the day of actual delivery thereof, or, if made or given by electronic means of communication, on the first Business Day following the transmittal thereof.

#### 5.5 Benefit of the Agreement

This Agreement shall enure to the benefit of and be binding upon the Parties and their respective successors and permitted assigns.

#### 5.6 Time

Time shall be of the essence. If the date specified in this Agreement for giving any notice or taking any action is not a Business Day (or if the period during which any notice is required to be given or any action taken expires on a date which is not a Business Day) then the date for giving such notice or taking such action (and the expiration date of such period during which notice is required to be given or action taken) shall be the next day which is a Business Day.

#### 5.7 Assignment

Boston Edison shall not assign its rights or obligations hereunder without the prior written consent of TCE, such consent not to be unreasonably withheld. TCE may assign its rights and obligations hereunder at any time, provided that any purported assignee shall provide written confirmation to Seller of such party's acknowledgement and agreement that such assignment is subject to the terms and conditions of this Agreement and Seller's rights and defenses hereunder.

#### 5.8 Counterparts

This Agreement may be executed in any number of counterparts each of which shall be deemed to be an original and all of which taken together shall be deemed to constitute one and the same instrument, and it shall not be necessary in making proof of this Agreement to produce or account for more than one such executed counterpart.

#### 5.9 Severability

Any provision of this Agreement which is prohibited or unenforceable in any jurisdiction shall not invalidate the remaining provisions hereof and any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction. In respect of any provision so determined to be unenforceable or invalid, the Parties agree to negotiate in good faith in order to replace the unenforceable or invalid provision with a new provision that is enforceable and valid in order to give effect to the business intent of the original provision to the extent permitted by law and in accordance with the intent of this Agreement.

#### 5.10 Amendments and Waivers

No modification of or amendment to this Agreement shall be valid or binding unless set forth in writing and duly executed by each of the Parties hereto and no waiver of any breach of any term or provision of this Agreement shall be effective or binding unless made in writing and signed by the Party purporting to give the same and, unless otherwise provided, shall be limited to the specific breach waived.

#### 5.11 Headings

The division of this Agreement into Articles and Sections and the insertion of headings are for convenience of reference only and shall not affect the construction or interpretation of this Agreement. The terms "hereof", "hereunder" and similar expressions refer to this Agreement and not to any particular Article, Section or other portion hereof and include any agreement supplemental hereto. Unless something in the subject matter or context is inconsistent therewith, references herein to Exhibits, Articles and Sections shall refer to Exhibits, Articles and Sections of this Agreement.

#### 5.12 Interpretation

In this Agreement words importing the singular number only shall include the plural and vice versa, and words importing gender shall include all genders and words importing persons shall include individuals, sole proprietorships, partnerships, associations, trusts, joint ventures, unincorporated organizations and corporations and natural persons in their capacities as trustees, executors, administrators or other legal representatives.

#### 5.13 Funds

All dollar amounts referred to in this Agreement are in US Dollars.

#### 5.14 Exhibits

The following are the Exhibits annexed hereto and incorporated by reference and deemed to be part hereof:

Exhibit A - OSP Contracts
Exhibit B - True-Up Amounts
Exhibit C - Form W-8BEN

#### 5.15 No Drafting Presumption

The Parties acknowledge that their respective legal counsel have reviewed and participated in settling the terms of this Agreement and the Parties hereby agree that any rule of construction to the effect that any ambiguity is to be resolved against the drafting party shall not be applicable in the interpretation of this Agreement.

#### 5.16 Governing Law

This Agreement shall be construed and enforced in accordance with the laws of the Commonwealth of Massachusetts without regard to the conflicts of laws provisions in effect therein.

IN WITNESS WHEREOF, this Agreement has been duly executed and delivered by the duly authorized officers of the Parties as of the date first above written.

TRANSCANADA ENERGY LTD.	BOSTON EDISON COMPANY
Ву:	Ву:
Name:	Name: Ellen K. Angley
Title:	Title: Vice President Energy Supply &
By: Xuslui D	Transmission
Title:	

#### EXHIBIT A

#### OSP CONTRACTS

- I. Unit Power Agreement for the Sale of Unit Capacity and Energy from Ocean State Power to Boston Edison Company dated December 31, 1985, as amended.
- II. Unit Power Agreement for the Sale of Unit 2 Capacity and Energy from Ocean State Power II to Boston Edison Company dated July 1, 1988, as amended.

#### EXHIBIT B

#### TRUE-UP PERIOD

#### **Entitlement Payment**

The Entitlement Payment shall be as specified in Section 2.1 of this Agreement.

#### Prior Period

For the period of time from April 1, 2004 through [June 30/July31], 2004 (the "Prior Period"), Boston Edison will calculate an amount equal to the aggregate of: (1) for each month, the Entitlement Payment less the actual charges paid by Boston Edison to OSP and OSP II under the OSP Contracts; and (2) (a) for each hour in which energy is delivered to Boston Edison by OSP or OSP II, the hourly day ahead locational marginal price ("LMP") at the delivery point(s) referenced in the OSP Contracts multiplied by (b) the quantity of energy actually received by Boston Edison from OSP and OSP II for such hour. The balance will be calculated and provided to TCE by Boston Edison 30 days prior to the Closing Date and paid by Boston Edison to TCE, if positive, and by TCE to Boston Edison if negative, within ten (10) days of the Closing Date.

#### Interim Period

For the period of time from [July 1/August 1], 2004 through the Closing Date (the "Interim Period"), TCE shall calculate for each month an amount equal to the Entitlement Payment less the actual charges paid by Boston Edison to OSP and OSP II under the OSP Contracts for such month. The total of such monthly amounts will be calculated by TCE within ten (10) Business Days of delivery of invoices by OSP and OSP II for the last month of the Interim Period and paid by Boston Edison to TCE, if positive, and by TCE to Boston Edison if negative, and such payment shall be due within 15 Business Days of the receipt of such calculation.

#### Pro Rating

For the purposes of this Exhibit B only, if the Closing Date occurs other than on the first day of a month, the Entitlement Payment and any fixed amount payable by Boston Edison to OSP and OSP II for such month shall be pro rated based on the number of days preceding the Closing Date in such month.

#### EXHIBIT C

#### FORM W-8BEN

#### Form W-8BEN

### Certificate of Foreign Status of Beneficial Owner for United States Tax Withholding Section references are to the Internal Revenue Code. See separate instructions.

(Rev. December 2000)

Department of the Treasury

OMB No. 1545-1521

Internal Revenue Service	► Give this form to the	MIDITIONGING AGENT OF PAY	er. Do lick selic	to the ind.	
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of a trade or business in the	United States				W-8E
<ul> <li>A foreign partnership, a forei</li> </ul>	gn simple trust, or a foreign grantor tru	st (see instructions for excepti	ions)	• • • • • • • • • • • • • • • • • • • •	W-8ECi or W-8IM
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claiming the applicability of a	section(s) 115(2), 501(c), 892, 895, or 1	1443(b) (see instructions)		<b>.</b>	W-8ECI or W-8EX
claim they are a foreign person.	Form W-88EN if they are claiming tre exempt from backup withholding.				***
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City or town, state or p	province. Include postal code where	appropriate.			Country (do not abbreviate)
6 U.S. taxpayer identific	ation number, if required (see instru	uctions)	7 F	oreign tax iden	tifying number, if any (optional)
98-0165138		SSN or ITIN	EIN		
8 Reference number(s)	(see instructions)				,
Parial Claim of	Tax Treaty Benefits (if ap	plicable)			
9   certify that (check:		•		,	
a 🗓 The beneficial ow	ner is a resident of Canada	within the meaning	of the income ta	k treaty between	the United States and that count
	S. taxpayer identification number is	stated on line 6 (see instru	ctions).		
c X The beneficial ow	ner is not an individual, derives the he treaty provision dealing with limit	item (or items) of income for	or which the treaty	/ benefits are cl	aimed, and, if applicable, meets th
d The beneficial ow	oner is not an individual, is claiming eign corporation, and meets qualifie	treaty benefits for dividends	received from a	foreign corpora	tion or interest from a U.S. trade o
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the amount subje	ct to withholding received during a	calendar year exceeds, in th	io aggregate, \$50	0,030.	
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under penalties of perjury that					
<ul> <li>The beneficial owner is not</li> </ul>	or am authorized to sign for the benefic t a U.S. person,				
<ul> <li>The income to which this fe</li> </ul>	orm relates is not effectively connected	with the conduct of a trade or	business in the Un	ited States or is e	iffectively connected but is not subject
Furthermore, I authorize this for	sary, and barter exchanges, the beneficial owner orm to be provided to any withholding a burse or make payments of the income	gent that has control, receipt, o	or custody of the in	tructions. come of which I s	um the beneficial owner or any
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Sign Here	ure of beneficial owner (or individual at	shadrad to size for beautists.	oumor) —	Date (MM-DD-Y)	(YY) Capacity in which actin
r signat	THE OF DELIGINICIST OWNER FOR INCINIORS SE	with the residual of the securities of	CHAIGE	TOTAL FRANCISCO I I	, Capacity in milest each

#### EXHIBIT D

#### INTERIM PERIOD

The Seller shall use commercially reasonable efforts to make a temporary entitlement transfer of the OSP Contracts to the Buyer as soon as reasonably possible, but in any event by no later than August 1, 2004. The date on which such transfer occurs (the "Entitlement Date") shall be either July 1, 2004 or August 1, 2004.

For the period between the Entitlement Date and the first to occur of the Closing Date or termination of this Agreement (the "Interim Period"), the Parties agree to the following settlement methodology:

- (a) The Seller shall make a temporary entitlement transfer of the OSP Contracts to the Buyer effective on the Entitlement Date. This entitlement transfer will extend through the end of the Interim Period and will allow the Buyer to receive the Seller's full entitlement under the OSP Contracts.
- (b) The Parties agree to establish a tracking account (the "Interim Period Refund Account"), the purpose of which is to allow the Parties to financially reverse the effects of the temporary assignment set forth in Section (a) above if the Parties agree to terminate this Agreement prior to Closing. The Interim Period Refund Account will be equal to the hourly day ahead Locational Marginal Price at the delivery point(s) referenced in the OSP Contracts multiplied by the quantity of energy actually received by the Buyer from OSP and OSP II for each hour that energy is delivered to the Buyer under the OSP Contracts during the Interim Period. If this Agreement is terminated prior to Closing, within thirty (30) days of the termination of this Agreement, the balance of the Interim Period Refund Account (the "Interim Period Refund") will be calculated by the Buyer and paid by the Buyer to the Seller.

#### EXHIBIT E

#### TO PURCHASE AND SALE AGREEMENT

#### CONSENT AND RELEASE AGREEMENT FROM OSP

Consent and Release Agreement (this "Agreement") made, executed and delivered on this \_\_\_\_\_ day of \_\_\_\_\_, 2004 by and between Boston Edison Company, a Massachusetts corporation ("BECo") and Ocean State Power, a Rhode Island general partnership ("OSP"), each individually a "Party", and collectively the "Parties".

WHEREAS, pursuant to a Purchase and Sale Agreement dated as of June 23, 2004 between BECo and TransCanada Energy Ltd. (the "Buyer"), BECo is assigning all of its right, title and interest in, and Buyer is assuming all liabilities and obligations of BECo under, a certain Unit Power Agreement for the Sale of Unit Capacity and Energy by and between BECo and OSP dated December 31, 1985 including any amendments thereto (the "Unit Power Agreement").

NOW THEREFORE, in good consideration of these premises and for other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, BECo and OSP agree as follows:

- 1. For the purposes of this Agreement, "Closing Date" means the effective date of the assignment of the Unit Power Agreement by BECo to the Buyer. Following such assignment, BECo shall promptly provide written notice to OSP of the Closing Date.
- 2. OSP hereby consents to the assignment of the Unit Power Agreement by BECo to the Buyer, including, without limitation, all of BECo's rights, interests and obligations thereunder. OSP further agrees that such assignment shall be without recourse to BECo. This Agreement shall not effect or alter any term, condition or provision contained in the Unit Power Agreement, and the terms, conditions and provisions of the Unit Power Agreement shall continue in full force and effect.
- 3. As and from the Closing Date, OSP hereby forever releases and discharges BECo of and from any and all covenants, obligations, liabilities, claims, demands, actions, causes of action and undertakings whatsoever in, to, under or in respect of the Unit Power Agreement, other than BECo's obligation to pay to OSP all amounts owing for Capacity and Corresponding Energy (as defined in the Unit Power Agreement) delivered on or before the Closing Date.
- 4. As and from the Closing Date, BECo hereby forever releases and discharges OSP of and from any and all covenants, obligations, liabilities, claims, demands, actions, causes of action and undertakings whatsoever in, to under or in respect

of the Unit Power Agreement, other than OSP's obligation to pay to BECo any and all refunds and adjustments relating to Capacity and Corresponding Energy (as defined in the Unit Power Agreement) delivered on or before the Closing Date.

- 5. Each of the Parties shall from time to time execute and deliver all such further documents and instruments and do all acts and things as any other Party may reasonably be required to effectively carry out or better evidence or perfect the full intent and meaning of this Agreement.
- 6. This Agreement shall be governed by and construed in accordance with the laws of The Commonwealth of Massachusetts (regardless of the laws that might otherwise govern under applicable Massachusetts principles of conflicts of laws).
- 7. This Agreement constitutes the entire agreement between the Parties in respect of the subject matter hereof and cancel and supersede any prior agreements, undertakings, declarations, commitments, representations, written or oral, in respect thereof.
- 8. This Agreement shall enure to the benefit of and be binding upon the Parties and their respective successors and permitted assigns.

IN WITNESS WHEREOF, this Agreement has been duly executed and delivered by the respective duly authorized officers of BECo and OSP as of the date first above written.

#### **BOSTON EDISON COMPANY**

	Name: Title:
oc	EAN STATE POWER by •
Ву:	
	Name: Title:
	Name:
	Title:

#### EXHIBIT F

#### TO PURCHASE AND SALE AGREEMENT

#### CONSENT AND RELEASE AGREEMENT FROM OSP II

Consent and Release Agreement (this "Agreement") made, executed and delivered on this \_\_\_\_ day of \_\_\_\_\_, 2004 by and between Boston Edison Company, a Massachusetts corporation ("BECo") and Ocean State Power II, a Rhode Island general partnership ("OSP"), each individually a "Party", and collectively the "Parties".

WHEREAS, pursuant to a Purchase and Sale Agreement dated as of June 23, 2004 between BECo and TransCanada Energy Ltd. (the "Buyer"), BECo is assigning all of its right, title and interest in, and Buyer is assuming all liabilities and obligations of BECo under, a certain Unit Power Agreement for the Sale of Unit 2 Capacity and Energy by and between BECo and OSP dated July 1, 1988 including any amendments thereto (the "Unit Power Agreement").

NOW THEREFORE, in good consideration of these premises and for other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, BECo and OSP agree as follows:

- 1. For the purposes of this Agreement, "Closing Date" means the effective date of the assignment of the Unit Power Agreement by BECo to the Buyer. Following such assignment, BECo shall promptly provide written notice to OSP of the Closing Date.
- 2. OSP hereby consents to the assignment of the Unit Power Agreement by BECo to the Buyer, including, without limitation, all of BECo's rights, interests and obligations thereunder. OSP further agrees that such assignment shall be without recourse to BECo. This Agreement shall not effect or alter any term, condition or provision contained in the Unit Power Agreement, and the terms, conditions and provisions of the Unit Power Agreement shall continue in full force and effect.
- 3. As and from the Closing Date, OSP hereby forever releases and discharges BECo of and from any and all covenants, obligations, liabilities, claims, demands, actions, causes of action and undertakings whatsoever in, to, under or in respect of the Unit Power Agreement, other than BECo's obligation to pay to OSP all amounts owing for Capacity and Corresponding Energy (as defined in the Unit Power Agreement) delivered on or before the Closing Date.
- 4. As and from the Closing Date, BECo hereby forever releases and discharges OSP of and from any and all covenants, obligations, liabilities, claims, demands, actions, causes of action and undertakings whatsoever in, to under or in respect

of the Unit Power Agreement, other than OSP's obligation to pay to BECo any and all refunds and adjustments relating to Capacity and Corresponding Energy (as defined in the Unit Power Agreement) delivered on or before the Closing Date.

- 5. Each of the Parties shall from time to time execute and deliver all such further documents and instruments and do all acts and things as any other Party may reasonably be required to effectively carry out or better evidence or perfect the full intent and meaning of this Agreement.
- 6. This Agreement shall be governed by and construed in accordance with the laws of The Commonwealth of Massachusetts (regardless of the laws that might otherwise govern under applicable Massachusetts principles of conflicts of laws).
- 7. This Agreement constitutes the entire agreement between the Parties in respect of the subject matter hereof and cancel and supersede any prior agreements, undertakings, declarations, commitments, representations, written or oral, in respect thereof.
- 8. This Agreement shall enure to the benefit of and be binding upon the Parties and their respective successors and permitted assigns.

IN WITNESS WHEREOF, this Agreement has been duly executed and delivered by the respective duly authorized officers of BECo and OSP as of the date first above written.

#### BOSTON EDISON COMPANY

By:	
	Name:
	Title:
oc	EAN STATE POWER II by •
Ву:	
	Name:
	Title:
Ву	
	Name:
	Title:

#### EXHIBIT G

#### FORM W-8BEN

#### Form W-8BEN

Certificate of Foreign Status of Beneficial Owner for United States Tax Withholding

Section references are to the Internal Revenue Code.

See separate instructions.

Cive this form to the withholding agent or payer. Do not send to the IRS.

(Rev. December 2000) Department of the Treasury

OMB No. 1545-1621

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d The beneficial owner is not an individual, is claiming treaty benefits for dividends received fro	om a foreign corpo	ration or interest from a U.S. trade or
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Furthermore, I authorize this form to be provided to any withholding agent that has control, receipt, or custody or withholding agent that can disburse or make payments of the income of which I am the beneficial owner.		
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Signature of beneficial owner (or individual authorized to sign for beneficial owner)	CAM (MIN-OU	- i i i j Capacity at without accord

# COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY

	)	
Petition of Boston Edison Company	)	
for Approvals Relating to the Assignment of	)	D.T.E. 04-6
Purchase Power Agreements with	)	
Ocean State Power and Ocean State Power II	)	
	_)	

#### MOTION OF BOSTON EDISON COMPANY FOR A PROTECTIVE ORDER

#### I. INTRODUCTION

On this date, Boston Edison Company d/b/a NSTAR Electric ("Boston Edison" or the "Company") filed with the Department of Telecommunications and Energy (the "Department") a Petition (the "Petition") for Approvals Relating to the Assignment of Purchase Power Agreements (the "PPAs"). The Petition seeks approval by the Department, pursuant to G.L. c. 164, §§ 1A, 1G, 76, 94, and 94A, of: (1) the Purchase and Sale Agreement between Boston Edison and TransCanada Energy Ltd. ("TransCanada") that would assign Boston Edison's current purchase power contracts with Ocean State Power ("OSP 1") and Ocean State Power II ("OSP 2") (collectively, "OSP"), which are Rhode Island partnerships; and (b) approval of ratemaking treatment relating to the TransCanada Purchase and Sale Agreement.

As part of the Company's filing, Boston Edison has submitted exhibits that, in part, include information regarding the Company's projections of future energy prices and its forecasts of payments to be made pursuant to existing PPAs with OSP and PPAs with other parties. Exhibit NSTAR-BEC-GOL-3, pages 6 through 8; Exhibit NSTAR-BEC-GOL-4, pages 6 through 8; Exhibit NSTAR-BEC-GOL-5, pages 2 and 3; Exhibit

NSTAR-BEC-GOL-6, pages 2 and 3; Exhibit NSTAR-BEC-GOL-7, pages 2 and 3; Exhibit NSTAR-BEC-GOL-8, pages 2 and 3; and Exhibit NSTAR-RBH-6, pages 2 through 5 (together, the "Confidential Documents"), contain proprietary, confidential and sensitive competitive information regarding: (1) the Company's projections regarding the future market price of power; and (2) projections regarding the future costs of the Company's existing PPAs. For the reasons set forth below, the Company seeks a protective order from the Department to prohibit public disclosure of this proprietary, confidential and sensitive competitive information.

#### II. LEGAL STANDARD

Confidential information may be protected from public disclosure in accordance with G.L. c. 25, § 5D, which states in part that:

The [D]epartment may protect from public disclosure, trade secrets, confidential, competitively sensitive or other proprietary information provided in the course of proceedings conducted pursuant to this chapter. There shall be a presumption that the information for which such protection is sought is public information and the burden shall be on the proponent of such protection to prove the need for such protection. Where the need has been found to exist, the [D]epartment shall protect only so much of the information as is necessary to meet such need.

In interpreting the statute, the Department has held that:

... [T]he burden on the company is to establish the need for protection of the information cited by the company. In determining the existence and extent of such need, the Department must consider the presumption in favor of disclosure and the specific reasons why disclosure of the disputed information benefits the public interest.

The Berkshire Gas Company et al., D.P.U. 93-187/188/189/190, at 16 (1994) as cited in Hearing Officers Ruling On the Motion of Boston Gas Company for Confidentiality, D.P.U. 96-50, at 4 (1996).

In practice, the Department has often exercised its authority to protect sensitive market information. For example, the Department has determined specifically that competitively sensitive information, such as price terms, are subject to protective status:

The Department will continue to accord protective status when the proponent carries its burden of proof by indicating the manner in which the price term is competitively sensitive. Proponents generally will face a more difficult task of overcoming the statutory presumption against the disclosure of other terms, such as the identity of the customer.

Standard of Review for Electric Contracts, D.P.U. 96-39, at 2, Letter Order (August 30, 1996). See also Colonial Gas Company, D.P.U. 96-18, at 4 (1996) (the Department determined that price terms were protected in gas supply contracts and allowed Colonial Gas Company's request to protect pricing information including all "reservation fees or charges, demand charges, commodity charges and other pricing information").

Moreover, the Department has recognized that competitively sensitive terms in a competitive market should be protected and that such protection is desirable as a matter of public policy:

The Department recognizes that the replacement gas purchases . . . are being made in a substantially competitive market with a wide field of potential suppliers. This competitive market should allow LDC's to obtain lower gas prices for the benefit of their ratepayers. Clearly the Department should ensure that its review process does not undermine the LDC's efforts to negotiate low cost flexible supply contracts for their systems. The Department also recognizes that a policy of affording contract confidentiality may add value to contracts and provide benefits to ultimate consumers of gas, the LDC's ratepayers, and therefore may be desirable for policy reasons.

The Berkshire Gas Company et al., D.P.U 93-187/188/189/190, at 20 (1994).

# III. INFORMATION REGARDING THE COMPANY'S ANALYSIS OF THE FUTURE ENERGY COSTS IS PROPRIETARY, CONFIDENTIAL AND SENSITIVE AND WARRANTS PROTECTION FROM PUBLIC DISCLOSURE

The Company requests confidential treatment of information relating to its projections of the market value of their existing PPAs and the projected costs to be incurred in future years for PPAs other than the OSP PPAs. Each of the Confidential Documents contain the Company's projections<sup>1</sup> of: (1) the annual dollars to be paid under each of their existing PPAs; (2) the Company's projections relating to market prices of the electricity delivered under each of their existing PPAs; and (3) the projections of the annual above-market value of each of their existing PPAs. Most of the projections are derived from information in Exhibit NSTAR-RBH-6, which contains: (1) the Company's projections of the market prices of energy (Pages 4-5); and (2) the Company's detailed calculations of their projected costs of the existing OSP PPAs, which are based on such market-price projections (Pages 2-3).

The Company is seeking protected treatment for the Confidential Documents for several reasons. First, the market forecast data is considered proprietary by the company that produced it, and was provided to the Company pursuant to a confidentiality agreement. More importantly, however, these projections must be protected from public disclosure because the Company uses this information to evaluate other PPA mitigation proposals. The Company, as well as Cambridge Electric Light Company and Commonwealth Electric Company, has not yet completed the divestiture of all existing PPAs and is in active negotiations with other parties. If other parties had access to the

In some cases, the projections are not directly set forth, but can be computed with the data included in the page.

details of the Company's updated projections and assumptions regarding future energy prices and the value of their existing PPAs, the Company's ability to negotiate the best deals possible on behalf of customers would be compromised. In fact, public release of the information in the Confidential Documents will disclose the very types of information that the Department has previously and consistently held to be confidential because the release of such information would "seriously undermine" the Company's negotiating position and thus, result in customers not realizing the maximum amount of mitigation.

Western Massachusetts Electric Company, D.T.E. 99-101, at 3 (2002), citing Boston Edison Company, D.T.E. 99-16 (1999); Western Massachusetts Electric Company, D.T.E. 99-56 (1999). See also Canal Electric Company/Cambridge Electric Light Company/Commonwealth Electric Company, D.T.E. 02-34 (Tr. A at 19 (June 12, 2002)) and Cambridge Electric Light Company, D.T.E. 01-94 (May 9, 2002 Approval by the Department of Amended Motion of Cambridge Electric Light Company for a Protective Order).

Accordingly, both the information and the Company's strategic use of the information presented Confidential Documents should be protected from public disclosure through the issuance of a protective order because the information is proprietary, confidential and competitively sensitive. The disclosure of this sensitive information would undermine the Company's ability to maximize mitigation efforts, which inures to the benefit of the Company's customers. The Department has protected similar information relating to analyses of the benefits of restructured or terminated PPAs submitted in previous proceedings. Therefore, the Company requests that the Department protect the market price and related analysis in the Confidential Documents from public

disclosure, consistent with G.L. c. 25, § 5 and Department precedent.

IV. CONCLUSION

Boston Edison respectfully requests that Confidential Documents be held

confidential, not be placed in the public docket and be disclosed only to the Department.

Parties to the case may request to review the exhibits, subject to the terms of a mutually

agreed Non-Disclosure Agreement. This approach will allow the Department and parties

to the proceeding to review the Company's analysis of the Pittsfield Termination

Agreements while ensuring that proprietary, confidential and sensitive market-related

information will remain confidential.

WHEREFORE, for the reasons set forth herein, the Company respectfully

requests that the Department allow the Company's Motion for a Protective Order.

Respectfully submitted,

**BOSTON EDISON COMPANY** 

By its Attorneys,

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Date: July 16, 2004

**-**6-

# BOSTON EDISON COMPANY d/b/a NSTAR ELECTRIC

#### Direct Testimony of Geoffrey O. Lubbock on Ocean State Power Contract Assignment

#### **Exhibit NSTAR-GOL**

#### **D.T.E. 04-68**

1	I.	INTRODUCTION
2	Q.	Please state your name and business address.
3	A.	My name is Geoffrey O. Lubbock. My business address is One NSTAR Way,
4		Westwood, Massachusetts, 02090.
5	Q.	By whom are you employed and in what capacity?
6	A.	I am employed by NSTAR Electric & Gas Corporation ("NSTAR E&G") as Vice
7		President, Financial Strategic Planning & Policy. In my current position, I am
8		responsible for a broad range of regulatory and financial planning responsibilities
9		for Boston Edison Company ("Boston Edison"), Cambridge Electric Light
10		Company ("Cambridge"), Commonwealth Electric Company ("Commonwealth")
11		(collectively, "NSTAR Electric") and NSTAR Gas Company.
12	Q.	Please describe your education and professional background.
13	A.	I have a Bachelor and Master of Arts from Cambridge University and a Masters
14		Degree in Business from the London Graduate School of Business. I joined
15		Boston Edison Company ("Boston Edison") in 1988 as Manager of Revenue
16		Requirements. In 1991, I became Manager of Revenue Requirements and
17		Financial Planning. In 1993, I became Manager of Energy Research Planning and

Forecasting. In 1995, I became Manager of Corporate Service Commitments and

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- in 1997, I became Director of Generation Divestiture. I assumed my current
- 2 position in July 1998. Prior to Boston Edison, I was with the Cabot Corporation,
- 3 Exxon Corporation and Citibank.

## 4 Q. Have you previously testified in any formal hearings before regulatory bodies?

- 6 A. Yes, on a number of occasions. Currently, I am sponsoring testimony in D.T.E.
- 7 04-60 and D.T.E. 04-61, which are similar proceedings to this in that they also
- 8 relate to restructuring of purchase power contracts. In addition, I testified before
- 9 the Department of Telecommunications and Energy (the "Department") to
- support Boston Edison's Restructuring Settlement Agreement in
- D.P.U./D.T.E. 96-23 and in connection with approval of the divestiture of Boston
- Edison's fossil generation assets in D.T.E. 97-113. I have also testified before the
- Department on behalf of Boston Edison in connection with the approval of its sale
- of the Pilgrim Nuclear Power Station to Entergy Nuclear Generation Company in
- 15 D.T.E. 98-119.

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#### O. What is the purpose of your testimony?

- 17 A. The purpose of my testimony is to support the Petition for Approval of the
- agreement to permanently assign the existing purchase power agreements
- 19 ("PPAs") of Boston Edison with Ocean State Power ("OSP") to TransCanada
- 20 Energy Ltd. ("TransCanada"). In particular, I will describe the financial impact
- of the transaction, including the effect of the transaction on customer rates. In

addition, I will demonstrate that the proposed transaction satisfies NSTAR Electric's obligation to mitigate its PPA-related stranded costs pursuant to the Electric Industry Restructuring Act, which is Chapter 164 of the Acts of 1997 (the "Act") and Boston Edison's Restructuring Settlement, as approved in D.P.U./D.T.E. 96-23. To accomplish this, I will: (1) summarize the filing; (2) describe the divestiture requirements of the Act; (3) describe NSTAR Electric's efforts since the Act to divest its PPAs, including its 2003 Auction (the "2003 Auction"); and (4) support the request for approval of the agreement dated June 23, 2004 with TransCanada for the permanent assignment of the OSP PPAs (the "TransCanada Purchase and Sale Agreement") and associated ratemaking treatment of the related costs.

## 12 Q. Is NSTAR Electric submitting the testimony of other witnesses in this proceeding?

14 A. Yes. In addition to my own testimony, NSTAR Electric is sponsoring the
15 testimony of Robert B. Hevert, President of Concentric Energy Advisors, Inc.
16 ("CEA"), to provide details regarding the auction process and the auction results.

#### Q. How is the remainder of your testimony organized?

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A. Section II outlines the divestiture provisions of the Act and the Department's

Standard of Review for reviewing proposals to mitigate transition costs through

contract modifications. Section III describes NSTAR Electric's efforts to divest

its PPAs, including the 2003 Auction for the sale or transfer of NSTAR Electric's

1		rights to 24 PPAs. Section	n IV describes the TransCanada Purchase and Sale
2		Agreement, a demonstration	on that they will achieve significant mitigation of
3		transition costs and savings	for customers, and the ratemaking treatment requested
4		for the costs to be incurred u	ander the TransCanada Purchase and Sale Agreement.
5	Q.	Please describe the exhibits	s attached to your testimony.
6 7	A.	NSTAR-GOL-1	A single-page document that lists the PPAs that were included in the 2003 Auction.
8 9		NSTAR-BEC-GOL-1	Copies of the existing two PPAs between Boston Edison and Ocean State Power (OSP I and OSP II)
10 11 12		NSTAR-BEC-GOL-2	A single-page document summarizing the total Boston Edison customer savings produced by the TransCanada Purchase and Sale Agreement.
13 14 15		NSTAR-BEC-GOL-3	A multi-page document that details the forecasted Boston Edison Transition Charges in the absence of the TransCanada Purchase and Sale Agreement.
16 17 18 19		NSTAR-BEC-GOL-4	A multi-page document that details the forecasted Boston Edison Transition Charges after approval of the TransCanada Purchase and Sale Agreement and associated ratemaking treatment.
20 21 22 23		NSTAR-BEC-GOL-5	A multi-page document that details the forecasted Boston Edison Standard Offer Service revenues and costs for 2004 in the absence of the TransCanada Purchase and Sale Agreement.
24 25 26 27 28		NSTAR-BEC-GOL-6	A multi-page document that details the forecasted Boston Edison Standard Offer Service revenues and costs for 2004 after approval of the TransCanada Purchase and Sale Agreement and associated ratemaking treatment.

1 2 3 4		NSTAR-BEC-GOL-7	A multi-page document that details the forecasted Boston Edison Standard Offer Service revenues and costs for 2005 in the absence of the TransCanada Purchase and Sale Agreement.
5 6 7 8 9		NSTAR-BEC-GOL-8	A multi-page document that details the forecasted Boston Edison Standard Offer Service revenues and costs for 2005 after approval of the TransCanada Purchase and Sale Agreement and associated ratemaking treatment.
10	II.	DIVESTITURE REQUIR	REMENTS
11 12	Q.	Please describe the divest renegotiations.	titure requirements of the Act for PPA buyouts and
13	A.	The Act, as codified in G.I.	c. 164, § 1 et seq., requires electric companies to seek
14		to mitigate transition costs.	, including, as one mitigation method, the renegotiation
15		of above-market power pu	rchase contracts. G.L. c. 164, § 1G(d)(1) and (2). The
16		Act further provides that,	if a contract renegotiation, buy-out or buy-down is
17		likely to achieve savings to	o customers and is otherwise in the public interest, the
18		Department is authorized t	o approve the recovery of the costs associated with the
19		contract restructuring. G.L	c. 164, § 1G(b)(1)(iv).
20 21	Q.		ISTAR Electric's Restructuring Settlement and ess PPA buyouts or renegotiations.
22	A.	Consistent with the Act,	Boston Edison's Restructuring Settlement Agreement
23		(the "Settlement Agreeme	ent"), approved by the Department in Boston Edison
24		Company, D.P.U./D.T.E. 9	96-23, requires Boston Edison to mitigate its transition
25		costs by "endeavor[ing] t	o sell, assign or otherwise dispose of its purchased

power contracts on terms that will assign ongoing contract payments to a nonaffiliated third party" (Settlement Agreement at §V.C.3.(a)). The Department found that the Settlement Agreement's provisions regarding mitigation were consistent with or substantially complied with the Act. Also consistent with the Act, Cambridge and Commonwealth's Electric Restructuring Plan (the "Restructuring Plan"), approved by the Department in Cambridge Electric Light Company/Canal Electric Company/Commonwealth Electric Company, D.P.U./D.T.E. 97-111, requires that Cambridge and Commonwealth undertake all reasonable steps to mitigate its transition costs and encourages the company to divest its non-nuclear generating assets. The Department has previously found that Cambridge and Commonwealth are committed to full mitigation of its transition costs, "principally by auctioning off...PPAs and generating plants" in compliance with the Act. D.P.U./D.T.E. 97-111, at 64. In this case, NSTAR Electric has presented the results of its 2003 Auction, and is requesting that the Department review the results of the auction process to ensure its compliance with the Act and applicable precedent in Massachusetts.

#### 18 III. NSTAR ELECTRIC'S DIVESTITURE EFFORTS

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- 19 Q. Please explain NSTAR Electric's efforts to divest its PPAs.
- 20 A. Boston Edison, Commonwealth and Cambridge have attempted to divest or

renegotiate their respective PPAs since the enactment of the Act. Boston Edison discussed its mitigation efforts in three mitigation reports filed with the Department (see Boston Edison Company, Cambridge Electric Light Company, Commonwealth Electric Company, D.T.E. 00-70 (Mitigation Report of NSTAR Electric (January 19, 2001)); Department Investigation of Power Purchase Agreement Mitigation, D.T.E. 99-62 (August 24, 1999 Mitigation Report of Boston Edison Company); Department Investigation of Power Purchase Agreement Mitigation, D.T.E. 98-62 (July 30, 1998 Mitigation Report of Boston Edison Company)). In addition, Boston Edison submitted a PPA Divestiture Plan to the Department in June 1998, which provided for a combination of continued bilateral negotiations with the PPA sellers and an auction process to assign the rights to the PPA entitlements to be conducted in 1999. and Commonwealth's mitigation efforts were included in D.T.E. 00-70 (Mitigation Report of NSTAR Electric), referenced above, and also mitigation reports filed in D.T.E. 99-62 (on August 23, 1999) and in D.T.E. 98-62 (on July 31, 1998). Cambridge and Commonwealth, with the assistance of the Investment Firm Goldman Sachs, attempted to divest their entitlements through a separate entitlement auction held with their 1998 auction to divest generation assets. Neither of these auctions resulted in the transfer to third parties of the rights and obligations under the PPAs since the bids would not provide mitigation

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benefits to customers. However, NSTAR Electric has successfully bought out, bought down or otherwise renegotiated contractual obligations with individual suppliers in a way that has provided mitigation of transition costs for customers as enumerated below.

#### Q. Please describe NSTAR Electric's 1999 Joint Auction of PPAs.

A.

After the 1999 merger that created NSTAR, NSTAR Electric, with the assistance of Navigant Consulting, initiated a joint auction that included all of their remaining power contracts, as well as the supply of its Standard Offer load. The joint auction commenced in September 1999. The solicitation process included obtaining competitive bids for NSTAR Electric's interests in 29 separate PPAs totaling approximately 2,000 MW of capacity and associated energy. NSTAR Electric anticipated that it either would directly assign the PPAs to the winning bidder(s) or, where contracts were not readily assignable, enter into a back-to-back arrangement, thus effectively transferring all rights and obligations under the PPAs to the winning bidder(s) for the remaining term of the PPAs.

In parallel with the PPA auction, NSTAR Electric solicited offers for power necessary to meet certain of its Standard Offer Service obligation to retail customers. Although the PPA and Standard Offer Service load competitive bidding processes were conducted simultaneously, they were not contingent upon one another. To optimize the flexibility of the offering, NSTAR Electric solicited

1		bids for: (1) all PPAs, any individual PPA, or any combination of PPAs; and/or
1		blus for. (1) all FFAS, any individual FFA, or any combination of FFAS, and/or
2		(2) all Standard Offer Service load or increments of Standard Offer Service load.
3		The intent of this design was to maximize the value of the solicitation process.
4		The financial evaluation of the preliminary bids did not yield evidence of any
5		mitigation for NSTAR Electric's customers. Analysis showed that most bidders
6		required a significant premium over the estimated cost of the PPAs. Ultimately,
7		NSTAR Electric determined that it would not be in the best interests of its
8		customers to enter into a transaction as a result of the solicitation process.
9 10	Q.	Prior to the 2003 Auction, was NSTAR Electric successful in buying out of or renegotiating individual PPAs?
11	A.	Yes. NSTAR Electric has successfully renegotiated several PPAs with individual
12		suppliers, thereby achieving significant mitigation of transition costs and savings
13		for customers. The following PPAs have been renegotiated or bought-out since
14		the passage of the Act:
15		• MBTA PPAs (amendments by Boston Edison);
16 17		• Plymouth Rock Energy Associates, L.P. (settlement of issues by Commonwealth);
18		• Pilgrim Nuclear Power Plant PPA (renegotiation by Commonwealth)
19		• L'Energia, Limited Partnership PPA (buy-out by Boston Edison);
20 21		• Lowell Cogeneration Company Limited Partnership PPA (buy-out by Commonwealth); and

1 2		• Southern PPA (renegotiation by Boston Edison, Cambridge and Commonwealth).
3		These mitigation efforts were detailed in the Mitigation Report of NSTAR
4		Electric, January 19, 2001, at 32-42. In addition, since the date of that report
5		NSTAR Electric has successfully completed the following PPA restructurings:
6 7		• Vermont Yankee PPA (Cambridge sale of plant and restructuring of power contract); and
8		• Seabrook Nuclear Power Station PPA (Canal Electric Company sale of plant and Cambridge and Commonwealth termination of power contract).
10	Q.	Please describe NSTAR Electric's objective and scope of the 2003 Auction.
11	A.	As described by Mr. Hevert, NSTAR Electric and CEA established a process that
12		was equitable and structured to maximize the value of the mitigation of transition
13		costs through a competitive auction that ensured the complete, uninhibited, non-
14		discriminatory access to all data and information by any and all interested parties
15		seeking to participate. The scope of the auction included NSTAR Electric's full
16		portfolio of PPAs, as listed in Exhibit NSTAR-GOL-1.
17 18	Q.	Does the TransCanada Purchase and Sale Agreement represent the only successfully renegotiated PPA from the 2003 Auction?
19	A.	No. As a result of the 2003 Auction, NSTAR Electric has finalized two other
20		transactions, which are the subject of separate filings with the Department and is
21		close to finalizing new agreements relating to at least one other of NSTAR
22		Electric's remaining PPAs that, if approved by the Department, will result in

NSTAR Electric having mitigated the vast majority (in terms of both amount electric energy purchases and above-market costs) of PPAs that will continue to be in effect after March 1, 2005. NSTAR Electric intends to seek Department approval of any such contracts in separate filings.

#### 5 IV. THE TRANSCANADA PURCHASE AND SALE AGREEMENT

- Q. Please describe in general terms the key provisions of the TransCanada
   Purchase and Sale Agreement.
- The TransCanada Purchase and Sale Agreement was negotiated by NSTAR 8 A. 9 Electric and TransCanada as a result of the 2003 Auction. As described in the testimony of Mr. Hevert, Boston Edison has two PPAs to purchase power from 10 the Ocean State Power generating facility located in Burrillville, RI: (1) the 11 Boston Edison/Ocean State Power PPA ("OSP I); and (2) the Boston Edison 12 Ocean State Power 2 PPA ("OSP II"). The OSP I unit is a gas-fired cogeneration 13 14 facility consisting of two gas turbines and one steam turbine. The plant has a current summer capacity rating of 271 MW, and a winter capacity rating of 317 15 MW. The OSP II unit is a gas-fired cogeneration facility consisting of two gas 16 turbines and one steam turbine. The plant has a current summer capacity rating of 17 270 MW, and a winter capacity rating of 318 MW. 18

Boston Edison has a 23.50 percent entitlement in the output in each of the OSP I and OSP II facilities, which is not capped in the winter or summer. The term of OSP I the runs through December 31, 2010, and OSP II runs through September

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1 30, 2011. The pricing provisions of the OSP I and OSP II PPAs for energy and 2 capacity are based on Boston Edison's 23.50 percent entitlement of the total cost 3 of owning, operating and maintaining the facilities. 4 The TransCanada Purchase and Sale Agreement permanently transfers all obligations of Boston Edison to purchase power under the OSP PPAs to 5 TransCanada. In return, Boston Edison is required to pay TransCanada Monthly 6 7 Support Payments over the life of the contracts for assuming all of Boston 8 Edison's rights and obligations under the contracts. We anticipate a closing date 9 before the end of the calendar year. In accordance with TransCanada's final bid, the deal is financially settled back to April 1, 2004 as detailed in Mr. Hevert's 10 11 testimony. What savings are derived from the TransCanada Purchase and Sale Q. 12 Agreement? 13 Compared to the existing PPAs, the TransCanada Purchase and Sale Agreement 14 A. will result in approximately \$12 million of savings to customers, on a net-present-15 16 value ("NPV") basis. The savings are determined by comparing the forecast 17 Transition Charges to be paid by customers if the PPAs were to remain in effect with the Transition Charges to be paid by customers under the TransCanada 18 19 Purchase and Sale Agreement. Summaries of the comparison, the annual savings 20 and the NPV savings calculation are shown on Exhibit NSTAR-BEC-GOL-2.

ansition Charges?	
oston Edison files with the Departn	nent its latest forecast of Transition
the rates for the succeeding year.	This was last filed in D.T.E. 03-
	•

03-117 is the most recent submission to the Department of the annual Transition

117, which was updated on March 1, 2004. Exhibit BEC-JFL-1 (Supp) in D.T.E.

Charge as filed in that update. Exhibit NSTAR-BEC-GOL-3 in this filing

contains updated forecasts for Transition Costs based on actual results through

May 2004 and CEA's purchased power forecasts thereafter. This exhibit will

provide the base case or status quo Transition Charge forecasts against which the

changes resulting from the TransCanada Purchase and Sale Agreement are

measured.

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- 13 Q. If the above-market costs of the PPAs are recovered through the Transition
  14 Charge, why have you included exhibits relating to the revenues and costs
  15 associated with Standard Offer Service?
- 16 A. The electricity purchased through the PPAs is used to supply a portion of Boston
  17 Edison's obligation to provide its customers with Standard Offer Service. Thus,
  18 the imputed costs of the output of all PPAs used for Standard Offer Service, the
  19 so-called "transfer price," is used to compute the above-market costs of PPAs.
  20 The transfer price is affected by the assignment of the existing Ocean State Power
  21 PPAs because the reduced purchases will change the costs incurred to provide
  22 Standard Offer Service. When the power from this contract is no longer available

to the supplier that provides NSTAR Electric's Standard Offer Service supplies for 2004 (the "SOS Supplier"), the Company must replace this power and the replacement power cost of \$13.173 million is shown on Exhibit NSTAR-BEC-GOL-6, page 4, line 6. The quantity that the Company needs to buy to replace the Ocean State Power is higher than that forecast from the units and thus the monthly credit from its SOS Supplier is \$3.801 million higher than in the status-quo case (Exhibits NSTAR-BEC-GOL-5 and -6, page 4, line 1, being \$223.909 million and \$227.710 million, respectively). In addition, the credit to the SOS Supplier for the sale of gas is reduced by \$4.760 million (Exhibits NSTAR-BEC-GOL-5 and -6, page, 4, line 1a, being \$17.446 million and \$12.687, million respectively). Thus, the net cost of replacement power for the period July through December is \$4.613 million (\$13.173 million less \$3.801 million less \$4.760 million as described above). This is the difference between Exhibits NSTAR-BEC-GOL-5 and -6, page 4, line 7 being \$196.954 million and \$201.567 million, respectively. This additional cost reduces customer savings. By including in the analysis of customer savings a forecast of the changes in the transfer prices for Standard Offer Service, and its resulting impact on Transition Costs, all impacts on customers of the TransCanada Purchase and Sale Agreement are properly considered.

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- Q. Please explain the credit to the SOS Supplier for the sale of gas described above.
- 3 A. As discussed above, the output from the OSP PPAs is used to provide Standard Offer Service and as further described in Mr. Hevert's testimony the OSP units 4 have the ability to generate power or sell natural gas and credit such revenues to 5 the project. This practice has benefited customers through credits in the form of 6 gas layoff revenues, which are allocated to the entitlement holders based on their 7 entitlement percentage in the units. Under NSTAR Electric's Standard Offer 8 9 Service agreement with its SOS Supplier, the SOS Supplier is entitled to credits as a result of such gas layoff practices as compensation for the fact that they must 10 replace the power from the units when gas is sold and generation is not available 11 form the plant. 12
- 13 Q. How does the treatment of gas layoff practices effect the economics of the TransCanada Purchase and Sale Agreement?
- 15 A. Payments through July 1, 2004 when the unit transferred to TransCanada, are in
  16 both the base case and the change case so there is no effect on the savings
  17 calculation as a result of the TransCanada Purchase and Sale Agreement. In the
  18 Base Case, after July 1, 2004 through December 31, 2004, there is a forecasted
  19 credit to the SOS Supplier for the sale of gas of \$4.760 million. In the case where
  20 the unit is transferred to TransCanada, these payments are no longer necessary.

- Q. What are the impacts of gas layoff practices to the OSP Unit costs beyond 2004?
- 3 A. We have assumed that all revenues derived from gas layoff practices are credited
- 4 to the OSP unit costs thereby reducing stranded costs and since we have no SOS
- agreement beyond December 2004 or Standard Offer Service obligation beyond
- February 2005, we have made no adjustments to the TransCanada Purchase and
- 7 Sale Agreement economics going forward.
- **Q.** If the Department does not approve the transfer of the contract, what are the impacts on customers?
- 10 A. The primary impact is that the \$12 million benefits of the transaction will be lost.
- There is a secondary impact in that NSTAR Electric has paid for replacement
- power in the net amount of \$4.613 million as described above. This would be
- offset by the requirement that TransCanada would need to reimburse the
- 14 Company for the actual generation of the Ocean State Plant at the locational
- marginal price. Currently, the Company's estimate for this reimbursement
- exceeds the net replacement power cost. Thus, there is no risk to customers if the
- transfer to TransCanada is not approved.

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- Q. Have you also updated the exhibits for Standard Offer Service?
- 19 A. Yes. Each year when Boston Edison files its Transition Costs reconciliation, it
- also files its forecast of costs of providing Standard Offer Service for the
- 21 subsequent year to set the Standard Offer rates for that year. These were also

updated on March 1, 2004. Exhibit BEC-JFL-6 (Supp) in D.T.E. 03-117 is the most recent Standard Offer Service submissions to the Department. The computation of 2004 Standard Offer charges have been further updated in Exhibit NSTAR-BEC-GOL-5 in this filing for actual results through May 2004 and CEA's purchased power forecasts thereafter. Since Standard Offer Service extends through the end of February 2005, Exhibit NSTAR-BEC-GOL-7 has been prepared in this filing to show the forecast for Standard Offer Service for January and February 2005. These exhibits provide the base case or status quo against which the changes resulting from the TransCanada Purchase and Sale Agreement are measured. Exhibit NSTAR-BEC-GOL-6 and Exhibit NSTAR-BEC-GOL-8 compute the impact of the TransCanada Purchase and Sale Agreement on the costs incurred for Standard Offer Service. These changes are included in Exhibit NSTAR-BEC-GOL-4, pages 7 and 8.

## 14 Q. How are the Transition Charges to be paid by customers under the TransCanada Purchase and Sale Agreement computed?

A. Exhibit NSTAR-BEC-GOL-4 is in the same format as Exhibit NSTAR-BEC-GOL-3, and computes Transition Charges with the costs incurred under the TransCanada Purchase and Sale Agreement instead of the Existing PPAs (pages 6 through 8). This exhibit also includes the effect on the mitigation incentive (page 5). The exhibit does not include consulting and legal costs incurred by NSTAR Electric to conduct the 2003 Auction.

Because the consulting and legal costs will not be known with precision until after the approval process is complete, these items will be reconciled to actual costs in future transition cost reconciliation filings. This reconciliation may include allocations to other contracts as they are approved which may result in the transfer of costs between the various NSTAR Electric companies. We would plan to allocate the costs based on the savings by contract.

## 7 Q. Is Department approval required as a condition of the TransCanada Purchase and Sale Agreement?

A. Yes. Boston Edison must receive a final order from the Department approving the permanent assignment of the OSP PPAs to TransCanada in accordance with the TransCanada Purchase and Sale Agreement and approving the full recovery of payments made pursuant under the TransCanada Purchase and Sale Agreement through the Transition Charge. If Department approval is not received, the existing contracts will remain unchanged and the Company will continue to be obligated to purchase power from the OSP facilities (OSP I and OSP II) on the existing terms.

## Q. What is the proposed ratemaking treatment that is being requested in this case?

19 A. NSTAR Electric requests only that, like the over-market costs paid under the
20 Existing PPAs, the costs incurred under the TransCanada Purchase and Sale
21 Agreement continue to be recovered in the Transition Charge of Boston Edison as

set forth in Exhibit NSTAR-BEC-GOL-4. Of course, the payments made and
Transition Charge revenues will continue to be reconciled to actual amounts as
part of NSTAR Electric's annual reconciliation process in accordance with the
terms of the approved Restructuring Settlement and Restructuring Plan.

## Why do you believe that the Department should approve the TransCanada Purchase and Sale Agreement?

A.

The TransCanada Purchase and Sale Agreement should be approved by the Department because, consistent with the Act's requirements regarding the buyout of PPAs, the TransCanada Purchase and Sale Agreement: (1) is likely to achieve savings to customers; and (2) is otherwise in the public interest. Given the estimated savings of approximately \$12 million on an NPV basis relating to the TransCanada Purchase and Sale Agreement and the fact that the savings will be passed on to customers, customers would realize a significant level of savings. Moreover, the buyout of PPAs is consistent with the Act, and Boston Edison's Department-approved Restructuring Settlement and, therefore, approval of the TransCanada Purchase and Sale Agreement is in the public interest. Accordingly, the TransCanada Purchase and Sale Agreement is reasonable and consistent with the Department's standard of review for buyout agreements. Therefore, the Department should review and approve the TransCanada Purchase and Sale Agreement expeditiously so that the customers of Boston Edison may realize the

- significant amount of savings relating to the TransCanada Purchase and Sale
- 2 Agreement.
- **Q.** Does this conclude your testimony?
- 4 A. Yes.

## **Exhibit NSTAR-GOL-1**

Unit & Contract	Capacit	y (MW)	Location	Expir.	Fuel	Technology
	Summer	Winter				
Altresco – Pittsfield	24.3	29.8	Pittsfield, MA	2011	Gas	Combined cycle cogen
(Cambridge)	242	20.0	Di. C. 11 3.54	2011		G 11 1 1
Altresco – Pittsfield (Commonwealth)	24.3	29.8	Pittsfield, MA	2011	Gas	Combined cycle cogen
Boott Hydro	20.0	20.0	Lowell, MA	2023	Water	Hydro
(Commonwealth)	20.0	20.0	Lowen, wire	2023	vv ater	Trydro
Chicopee Hydro	2.2	2.2	Chicopee, MA	2013	Water	Hydro
(Commonwealth)						
Collins Hydro	1.3	1.3	N. Wilbraham,	2013	Water	Hydro
(Commonwealth)			MA			
Dartmouth Power	61.8	67.9	Dartmouth, MA	2017	Gas	Combined cycle with
(Commonwealth)						supplemental firing
Masspower	100.0	117.0	Indian Orchard,	2013	Gas	Combined cycle cogen
(Boston Edison)	27.7	20.45	MA	2000		G 11 1 1
Masspower 1	25.5	29.67	Indian Orchard,	2008	Gas	Combined cycle cogen
(Commonwealth)	25.5	20.67	MA	2012	Can	Cambinad anala as ann
Masspower 2 (Commonwealth)	25.5	29.67	Indian Orchard, MA	2013	Gas	Combined cycle cogen
MBTA 1	25.0	33.4	South Boston,	2005	Jet Fuel	Combustion Turbine
(Boston Edison)	23.0	33.4	MA	2003	Jet Puer	Combustion Turbine
MBTA 2	25.0	34.7	South Boston,	2019	Jet Fuel	Combustion Turbine
(Boston Edison)	23.0	57.7	MA	2017	Jet I dei	Combustion Turbine
NEA A	123.5	153.0	Bellingham, MA	2016	Gas	Combined cycle cogen
(Boston Edison)						, ,
NEA B	68.0	92.0	Bellingham, MA	2011	Gas	Combined cycle cogen
(Boston Edison)						
NEA 1(Commonwealth)	22.9	28.3	Bellingham, MA	2016	Gas	Combined cycle cogen
NEA 2	19.2	23.8	Bellingham, MA	2016	Gas	Combined cycle cogen
(Commonwealth)						
Ocean State 1 (Boston Edison)	63.7	74.5	Burrillville, RI	2010	Gas	Combined cycle cogen
Ocean State 2 (Boston Edison)	63.5	74.8	Burrillville, RI	2011	Gas	Combined cycle cogen
Pilgrim (Boston Edison)	230.8	230.8	Plymouth, MA	2004	Nuclear	Nuclear
Pilgrim Municipals	24.4	24.4	Plymouth, MA	2004	Nuclear	Nuclear
(Boston Edison)						
Pilgrim (Commonwealth)	36.0	36.0	Plymouth, MA	2004	Nuclear	Nuclear
Pioneer Hydro	1.3	1.3	Ware, MA	2014	Water	Hydro
(Commonwealth)						
SEMASS (Commonwealth)	46.2	50.7	Rochester, MA	2015	Refuse	Steam boiler
SEMASS Expansion	20.9	24.3	Rochester, MA	2015	Refuse	Steam boiler
(Commonwealth)						
Vermont Yankee	12.7	13.2	Vernon, VT	2012	Nuclear	Nuclear
(Cambridge)	4.0.00.0	4 000 -				
Total MW	1,068.0	1,222.5				

	Base	O	SP Contract	<u> </u>			
	Case	Α	ssignment	Customer			
Year	Revenues		Revenues	Savings			
2004	\$ 284.420	\$	284.420	\$ -			
2005	361.657		364.681	(3.024)			
2006	323.794		318.338	5.456			
2007	322.308		318.811	3.497			
2008	276.838		276.669	0.169			
2009	276.789		275.101	1.688			
2010	221.267		215.186	6.081			
2011	149.616		147.297	2.318			
2012	91.338		91.338	-			
2013	90.424		90.424	-			
2014	31.023		31.023	-			
2015	29.112		29.112	-			
2016	 20.630		20.630				
Total	\$ 2,479.217	\$	2,463.032	<u>\$ 16.186</u>			
6.61%	\$ 1,982.007	\$	1,970.178	<u>\$ 11.830</u>			

Present Value of Savings at After Tax Discount Rate As defined on Page 254 of Settlement Agreement

## Boston Edison Company Transition Charge Calculation \$ in Millions

_Year	GWH Delivered	Transition Charge	Revenues for Delivered GWH		Fixed Component	Total Variable omponent		itigation centive		Prior Year Deferral	nterest Deferral	E	kpenses	(Over) Under ollection
Col. A	Col. B	Col. C	Col. D		Col. E	 Col. F	Col. G		Col. H		Col. I		Col. J	 Col. K
2002 2003	15,107	1.788	\$ 270.115	;	\$ 100.707	\$ 182.077	\$	10.644	\$	(41.439)	\$ (4.509)	\$	247.481	(41.439) (22.634)
2004	15,210	1.870	284.420		96.719	243.384		8.375		(22.634)	(2.463)		323.381	38.961
2005	15,514	2.331	361.657		91.872	223.874		2.712		38.961	4.239		361.657	-
2006	15,824	2.046	323.794		87.222	232.100		4.472		-	-		323.794	-
2007	16,141	1.997	322.308		82.339	236.172		3.797		-	-		322.308	-
2008	16,463	1.682	276.838		77.756	193.626		5.456		-	-		276.838	-
2009	16,793	1.648	276.789		72.833	200.498		3.458		-	-		276.789	-
2010	17,129	1.292	221.267		15.174	206.093		-		-	-		221.267	-
2011	17,471	0.856	149.616		-	149.616		-		-	-		149.616	-
2012	17,821	0.513	91.338		-	91.338		-		-	-		91.338	-
2013	18,177	0.497	90.424		-	90.424		-		-	-		90.424	-
2014	18,540	0.167	31.023		-	31.023		-		-	-		31.023	-
2015	18,911	0.154	29.112		-	29.112		-		-	-		29.112	-
2016	19,290	0.107	20.630		-	20.630		-		-	-		20.630	-

Col B 2003 per Page 2; Forecast 2004 sales; years beyond 2004 reflect 2% growth

Col C 2003 per Page 2; 2004 reflects actual tariff in effect; 2005 and later: Col J / Col B

Col D 2003 per Page 2; 2004 Col B \* Col C / 100; future years equal to Col J

Col E Exh NSTAR-BEC-GOL-3, Pg 3, Col E

Col F Exh NSTAR-BEC-GOL-3, Pg 4, Col M

Col G Exh NSTAR-BEC-GOL-3, Pg 5, Col E

Col H Col. K prior year

Col I Col. H times 10.88%

Col J Sum Col E thru Col I

Col K Col J - Col D

## Boston Edison Company Actual 2003 Transition Revenues \$ in Millions

Line	Description	GWH	A/C #	Pe	er Book \$	_	Total
1	2003 Transition Billed Revenues:	_					
2	Residential Transition	4,254.664	440 160	\$	76.286		
3	Industrial Transition	1,326.347	442 430		24.029		
4	Commercial Transition (includes WR rate and Special Contracts)	9,332.556	442440/500		165.513		
5	Street Light Transition	145.623	444 060		2.659		
6	Total Billed Revenues	15,059.190				\$ 2	268.487
7	2003 Transition Unbilled Revenues:				Value		
8	Less: Residential Transition Unbilled @ 12/31/02	(119.482)					
9	Plus: Residential Transition Unbilled @ 12/31/03	142.891 <sup>°</sup>	440 162	\$	0.722		
10	Less: Industrial Transition Unbilled @ 12/31/02	(65.129)					
11	Plus: Industrial Transition Unbilled @ 12/31/03	49.270	442 435		(0.131)		
12	Less: Commercial Transition Unbilled @ 12/31/02	(283.945)			, ,		
13	Plus: Commercial Transition Unbilled @ 12/31/03	323.822	442 505		1.037		
14	Total Unbilled Revenues	47.427				\$	1.628
15	Total 2003 Transition Revenues	15,106.617	1.788			\$ 2	270.115

# Boston Edison Company Summary of Transition Charge - Fixed Component \$ in Millions

	Securitization		Interest &	
Year	Principal	Amort.	Expense	Total
Col. A	Col. B	Col. C	Col. D	Col. E
				(Col. C + Col. D)
2003	425.378	68.188	32.519	100.707
2004	356.666	68.712	28.007	96.719
2005	288.206	68.460	23.412	91.872
2006	219.664	68.542	18.680	87.222
2007	151.268	68.396	13.943	82.339
2008	82.660	68.608	9.148	77.756
2009	14.159	68.501	4.332	72.833
2010	-	14.159	1.016	15.174

# Boston Edison Company Summary of Transition Charge - Variable Component \$ in Millions

Year	Actual Nuclear Decomm.	Actual Power Total Obligations	Actual Power Contracts Market Value	Net Power Obligation	Actual Transmission in Support of Remote Generating Units	Actual Purchased Power Contract Buyouts	Future Use	Revenue Credits & Damages, Costs, or net Recoveries	Other	Rate Design Adjustment	Reversal of Prior Year Rate Design Adjustment	Actual Total Variable Component
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M
2003	-	350.985	209.216	141.769	-	-	-	44.158	-	(4.390)	0.539	182.077
2004	_	378.056	162.449	215.607	_	_	_	28.074	_	(4.687)	4.390	243.384
2005	_	300.606	124.534	176.072	_	_	_	43.114	_	( )	4.687	223.874
2006	_	304.894	117.164	187.730	-	-	-	44.370	-			232.100
2007	_	301.494	105.402	196.092	-	-	-	40.080	-			236.172
2008	-	301.247	108.401	192.846	-	-	-	0.780	-			193.626
2009	-	303.847	104.130	199.718	-	-	-	0.780	-			200.498
2010	-	314.361	109.048	205.313	-	-	-	0.780	-			206.093
2011	-	245.801	96.965	148.836	-	-	-	0.780	-			149.616
2012	-	159.976	69.028	90.948	-	-	-	0.390	-			91.338
2013	-	161.998	71.574	90.424	-	-	-	-	-			90.424
2014	-	86.985	55.961	31.023	-	-	-	-	-			31.023
2015	-	86.608	57.496	29.112	-	-	-	-	-			29.112
2016	-	62.979	42.349	20.630	-	-	-	-	-			20.630
Note		Description										
Col. C		Exh NSTAR-E	BEC-GOL-3.	Pa 6. Col O								
Col. D		Exh NSTAR-E		0 ,								
Col. E		Col C - Col D	•	0 ,								
Col. G		No Current Bu	uyouts									
Col. I		per D.T.E. 03-	•	t BEC-JFL-2 (	(Supp)							
Col. K		per D.T.E. 03-	-117A Exhibi	BEC-HCL-6	,							
Col. L		Reversal of P	rior Year Col	. K								
Col. M		Col B + Col E	+ Col F + Co	ol G + Col H +	· Col I + Col J +	Col K + Col L	-					

## **Boston Edison Company** Summary of Transition Charge - Incentive \$ in Millions

Year Col. A	Base Transition Charge (cents/kWh) Col. B	Cumulative Rolling Average Transition Charge (cents/kWh)	Cumulative Bonus Allowed Col. D	Nominal Annual Incremental Bonus Required Col. E	Impact on Transition Charge Col. F
2003	1.788	2.04	58.187	10.644	0.07
2004	1.870	2.01	63.538	8.375	0.06
2005	2.331	2.05	65.163	2.712	0.02
2006	2.046	2.05	67.677	4.472	0.03
2007	1.997	2.05	69.678	3.797	0.02
2008	1.682	2.01	72.376	5.456	0.03
2009	1.648	1.98	73.981	3.458	0.02

Legend:	
Col. B	Exh. NSTAR-BEC-GOL-3, Page 1, Col. C
Col. C	Cumulative average of current & prior years shown in Col. B
Col. D	For any given year based upon cumulative average
	transition charge, interpolate bonus from the table below:
Col. E	(Col. D current year - Col. D prior year) * (1 + WACC AT) ^ n,
	where n = number of years since 1998 +1, and WACC AT is
	the weighted cost of capital after-tax equal to 6.61%
Col. F	Col. E / Current year GWH sales, Page 1 Col. B

<u>Assumptions:</u> 1998 \$ NPV Cumulative Bonus/(Penalty)

Rolling A	Rolling Average Access Charge																						
	<u>19</u>	998		<u> 1999</u>		2000		2001		2002		2003		2004	2005		2006	2007		2008		20	09
1.00	\$	21	\$	38	\$	52	\$	63	\$	72	\$	80	\$	85	\$	90	\$ 93	\$	96	\$ 97	7	\$	98
1.20		20		36		49		60		68		76		81		86	89		91	92	2		93
1.40		19		34		47		57		65		72		77		81	84		86	88	3		88
1.60		18		32		44		53		61		68		73		77	79		81	83	3		83
1.80		17		31		41		50		58		64		68		72	75		77	78	3		78
2.00		16		29		39		47		54		60		64		68	70		72	73	3		74
2.20		14		25		34		41		47		52		56		59	61		62	63	3		64
2.40		12		21		29		35		40		44		47		50	51		53	54	1		54
2.60		10		17		23		28		33		36		39		41	42		43	44	1		44
2.80		8		13		18		22		25		28		30		32	33		34	34	1		34
3.00		5		10		13		16		18		20		22		23	24		24	25	5		25
3.20		3		6		8		10		11		12		13		14	14		15	15	5		15
3.40		1		2		3		3		4		4		4		5	5		5	5	5		5
3.50		0		0		0		0		0		0		0		0	0		0	(	)		0

# Boston Edison Company Power Contract Obligations Annual Total Cost - Capacity & Energy (\$ in Millions)

Year Col. A	OSP 1 Col. B	OSP 2 Col. C	NEA 1 Col. D	NEA 2 Col. E	Masspower Col. F	MBTA Jets 1 Col. G	MBTA Jets 2 Col. H	Entergy Nuclear Col. I	HQ 1 Col. J	HQ 2 Col. K	HQ <u>Line Usage</u> Col. L	Conn Yankee Col. M	MA <u>Yankee</u> Col. N	Total Col. O
Jan - Mar														
Apr - May														
Jun - Dec														
2004														
Jan - Feb														
Mar						RE	DAC	CTED						
Apr - Dec														
2005														
2006														
2007														
2008														
2009														
2010														
2011														
2012														
2013														
2014														
2015														
2016														
ı	Note:													

## Note:

Col. B through Col. I are updated from Exhibit BEC-JFL-6 (Supp) in D.T.E. 03-117A with latest forecast from CEA

## Boston Edison Company Power Contract Obligations Annual Market Value (\$ in Millions)

Year Col. A	OSP 1 Col. B	OSP 2 Col. C	NEA 1	NEA 2	Masspower Col. F	MBTA Jets 1 Col. G	MBTA Jets 2 Col. H	Entergy Nuclear Col. I	HQ 1	HQ 2 Col. K	HQ <u>Line Usage</u> Col. L	Conn Yankee Col. M	MA <u>Yankee</u> Col. N	Standard Offer Settlement Adjustment Col. O	Total Col. P
Jan - Mar															
Apr - May															
Jun - Dec															
2004															
Jan - Feb															
Mar															
							DE	DAC	TED	1					
Apr - Dec							I/ L	DAG		,					
2005															
2006															
2007															
2008															
2009															
2010															
2011															
2012 2013															
2013															
2015															
2016															
	Notes:				DEO 151 4 (0	\ ' . D	T.F. 00.4	47A 90 d -	Lata at face		. 054				

- Col. B through Col. I are updated from Exhibit BEC-JFL-1 (Supp) in D.T.E. 03-117A with the latest forecast from CEA
- Col. P is taken from Exhibit NSTAR-BEC-GOL-5 Page 2 Line 13 for the three time periods in 2004
- Col. P is taken from Exhibit NSTAR-BEC-GOL-7 Page 2 Line 13 for the period Jan Feb 2005
- Col. O is the difference between Col. P and the sum of Cols. B through N

## Boston Edison Company Power Contract Obligations Annual Above Market Cost (\$ in Millions)

Year	OSP 1	OSP 2	NEA 1	NEA 2	Masspower	MBTA Jets 1	MBTA Jets 2	Entergy Nuclear	HQ 1	HQ 2	HQ Line Usage	Conn Yankee	MA Yankee	Standard Offer Settlement Adjustment	Total
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O	Col. P
Jan - Mar Apr - May Jun - Dec 2004 Jan - Feb Mar															
Apr - Dec							RE	DAC	TED	)					
2005															
2006															
2007 2008															
2008															
2010															
2011															
2012															
2013															
2014 2015															
2016															
		gh Col. N a	re as filed in		BEC-JFL-1 (S C-JFL-1 (Sup <sub>l</sub>				latest fore	ecast fron	n CEA				

Col. O = - Page 7 Col. O
Col. P = sum of Cols. B through O

## Boston Edison Company Transition Charge Calculation \$ in Millions

Year Col. A 2002 2003	GWH Delivered Col. B	Transition Charge Col. C	Revenues for Delivered GWH Col. D	9	Fixed Component Col. E	Total Variable component Col. F 182.077	Mitigation Incentive Col. G	<u> </u>	Prior Year Deferral Col. H	on C	erest Deferral Col. I (4.509)	Expenses Col. J \$ 247.481	(Over) Under Collection Col. K \$ (41.439) \$ (22.634)
2004	15,210	1.870	284.420		96.719	249.893	8.375		(22.634)		(2.463)	329.890	45.469
2005	15,514	2.351	364.681		91.872	219.864	2.529		45.469		4.947	364.681	-
2006	15,824	2.012	318.338		87.222	226.311	4.805		-		-	318.338	-
2007	16,141	1.975	318.811		82.339	232.490	3.982		-		-	318.811	-
2008	16,463	1.681	276.669		77.756	193.475	5.438		-		-	276.669	-
2009	16,793	1.638	275.101		72.833	198.958	3.310		-		-	275.101	-
2010	17,129	1.256	215.186		15.174	200.012	-		-		-	215.186	-
2011	17,471	0.843	147.297		-	147.297	-		-		-	147.297	-
2012	17,821	0.513	91.338		-	91.338	-		-		-	91.338	-
2013	18,177	0.497	90.424		-	90.424	-		-		-	90.424	-
2014	18,540	0.167	31.023		-	31.023	-		-		-	31.023	-
2015	18,911	0.154	29.112		-	29.112	-		-		-	29.112	-
2016	19,290	0.107	20.630		-	20.630	-		-		-	20.630	-

- Col B 2003 per Page 2; Forecast 2004 sales; years beyond 2004 reflect 2% growth
- Col C 2003 per Page 2; 2004 reflects actual tariff in effect; 2005 and later: Col J / Col B
- Col D 2003 per Page 2; 2004 Col B \* Col C / 100; future years equal to Col J
- Col E Exh NSTAR-BEC-GOL-4, Pg 3, Col E
- Col F Exh NSTAR-BEC-GOL-4, Pg 4, Col M
- Col G Exh NSTAR-BEC-GOL-4, Pg 5, Col E
- Col H Col. K prior year
- Col I Col. H times 10.88%
- Col J Sum Col E thru Col I
- Col K Col J Col D

## Boston Edison Company Actual 2003 Transition Revenues \$ in Millions

Line	Description	GWH	A/C #	Pe	er Book \$	_	Total
1	2003 Transition Billed Revenues:						
2	Residential Transition	4,254.664	440 160	\$	76.286		
3	Industrial Transition	1,326.347	442 430		24.029		
4	Commercial Transition (includes WR rate and Special Contracts)	9,332.556	442440/500		165.513		
5	Street Light Transition	145.623	444 060		2.659		
6	Total Billed Revenues	15,059.190				\$	268.487
7	2003 Transition Unbilled Revenues:				Value		
8	Less: Residential Transition Unbilled @ 12/31/02	(119.482)					
9	Plus: Residential Transition Unbilled @ 12/31/03	142.891 <sup>°</sup>	440 162	\$	0.722		
10	Less: Industrial Transition Unbilled @ 12/31/02	(65.129)					
11	Plus: Industrial Transition Unbilled @ 12/31/03	49.270	442 435		(0.131)		
12	Less: Commercial Transition Unbilled @ 12/31/02	(283.945)			, ,		
13	Plus: Commercial Transition Unbilled @ 12/31/03	323.822	442 505		1.037		
14	Total Unbilled Revenues	47.427				\$	1.628
15	Total 2003 Transition Revenues	15,106.617	1.788			\$	<u> 270.115</u>

# Boston Edison Company Summary of Transition Charge - Fixed Component \$ in Millions

	Securitization		Interest &	
Year	Principal	Amort.	Expense	Total
Col. A	Col. B	Col. C	Col. D	Col. E
				(Col. C + Col. D)
2003	425.378	68.188	32.519	100.707
2004	356.666	68.712	28.007	96.719
2005	288.206	68.460	23.412	91.872
2006	219.664	68.542	18.680	87.222
2007	151.268	68.396	13.943	82.339
2008	82.660	68.608	9.148	77.756
2009	14.159	68.501	4.332	72.833
2010	-	14.159	1.016	15.174

# Boston Edison Company Summary of Transition Charge - Variable Component \$ in Millions

Year	Actual Nuclear Decomm.	Actual Power Total Obligations	Actual Power Contracts Market Value	Net Power Obligation	Actual Transmission in Support of Remote Generating Units	Actual Purchased Power Contract Buyouts	Future Use	Revenue Credits & Damages, Costs, or net Recoveries	Other	Rate Design Adjustment	Reversal of Prior Year Rate Design Adjustment	Actual Total Variable Component
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M
2003		350.985	209.216	141.769	-	-	-	44.158	-	(4.390)	0.539	182.077
2004	-	379.952	157.836	222.116	-	_	_	28.074	_	(4.687)	4.390	249.893
2005	-	280.242	108.179	172.062	-	-	-	43.114	_	( /	4.687	219.864
2006	-	285.047	103.106	181.941	-	-	-	44.370	-			226.311
2007	-	284.671	92.261	192.410	-	-	-	40.080	-			232.490
2008	-	287.538	94.843	192.695	-	-	-	0.780	-			193.475
2009	-	288.344	90.166	198.178	-	-	-	0.780	-			198.958
2010	-	293.657	94.425	199.232	-	-	-	0.780	-			200.012
2011	-	237.790	91.272	146.517	-	-	-	0.780	-			147.297
2012	-	159.976	69.028	90.948	-	-	-	0.390	-			91.338
2013	-	161.998	71.574	90.424	-	-	-	-	-			90.424
2014	-	86.985	55.961	31.023	-	-	-	-	-			31.023
2015	-	86.608	57.496	29.112	-	-	-	-	-			29.112
2016	-	62.979	42.349	20.630	-	-	-	-	-			20.630
Note Col. C		Description Exh NSTAR-B	BEC-GOL-4.	Pa 6. Col O								
Col. D		Exh NSTAR-E	,	0 /								
Col. E		Col C - Col D	,	3 ,								
Col. G		No Current Bu	ıyouts									
Col. I		per D.T.E. 03-	•	BEC-JFL-2 (	Supp)							
Col. K		per D.T.E. 03-	117A Exhibit	BEC-HCL-6								
Col. L		Reversal of Pi	rior Year Col.	. K								
Col. M		Col B + Col E	+ Col F + Co	ol G + Col H +	Col I + Col J +	Col K + Col L	-					

# Boston Edison Company Summary of Transition Charge - Incentive \$ in Millions

Year	Base Transition Charge (cents/kWh)	Cumulative Rolling Average Transition Charge (cents/kWh)	Cumulative Bonus Allowed	Nominal Annual Incremental Bonus Required	Impact on Transition Charge
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F
2003 2004	1.788 1.870	2.04 2.01	58.187 63.538	10.644 8.375	0.07 0.06
2005	2.351	2.06	65.053	2.529	0.02
2006	2.012	2.05	67.754	4.805	0.03
2007	1.975	2.04	69.853	3.982	0.02
2008	1.681	2.01	72.543	5.438	0.03
2009	1.638	1.98	74.078	3.310	0.02

Legend:	
Col. B	Exh. NSTAR-BEC-GOL-4, Page 1, Col. C
Col. C	Cumulative average of current & prior years shown in Col. B
Col. D	For any given year based upon cumulative average
	transition charge, interpolate bonus from the table below:
Col. E	(Col. D current year - Col. D prior year) * (1 + WACC AT) ^ n,
	where n = number of years since 1998 +1, and WACC AT is
	the weighted cost of capital after-tax equal to 6.61%
Col. F	Col. E / Current year GWH sales, Page 1 Col. B

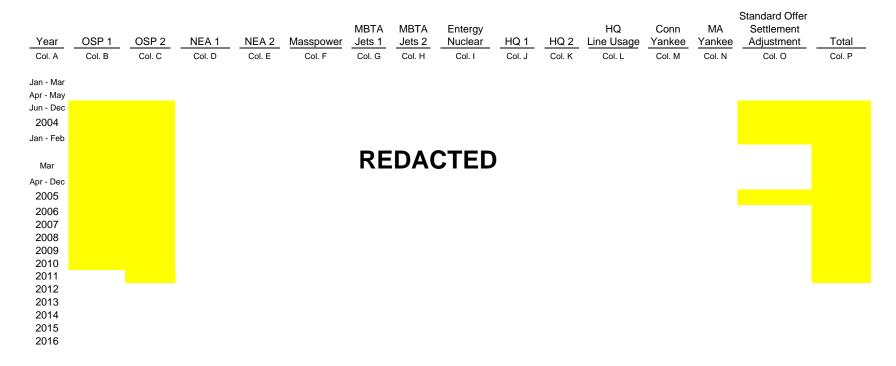
Assumptions: 1998 \$ NPV Cumulative Bonus/(Penalty)

Rolling A	vera	ge Acce	ss C	<u>Charge</u>												
-		1998		1999	2000	2001	2002	2003	2004	2005		2006	2007		2008	2009
1.00	\$	21	\$	38	\$ 52	\$ 63	\$ 72	\$ 80	\$ 85	\$	90	\$ 93	\$	96	\$ 97	\$ 98
1.20		20		36	49	60	68	76	81		86	89		91	92	93
1.40		19		34	47	57	65	72	77		81	84		86	88	88
1.60		18		32	44	53	61	68	73		77	79		81	83	83
1.80		17		31	41	50	58	64	68		72	75		77	78	78
2.00		16		29	39	47	54	60	64		68	70		72	73	74
2.20		14		25	34	41	47	52	56		59	61		62	63	64
2.40		12		21	29	35	40	44	47		50	51		53	54	54
2.60		10		17	23	28	33	36	39		41	42		43	44	44
2.80		8		13	18	22	25	28	30		32	33		34	34	34
3.00		5		10	13	16	18	20	22		23	24		24	25	25
3.20		3		6	8	10	11	12	13		14	14		15	15	15
3.40		1		2	3	3	4	4	4		5	5		5	5	5
3.50		0		0	0	0	0	0	0		0	0		0	0	0

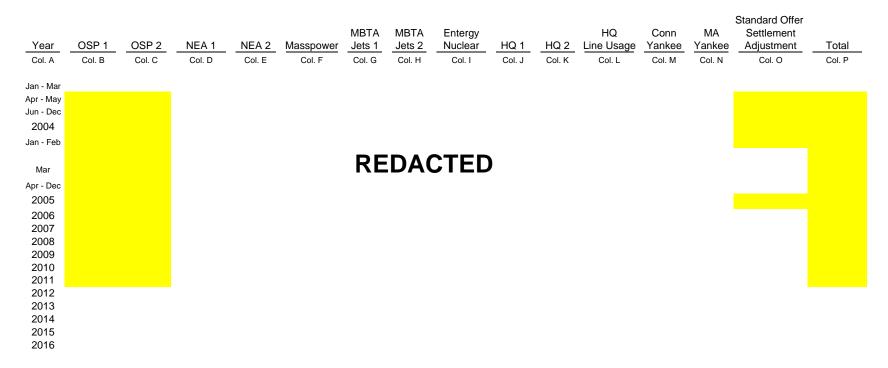
# Boston Edison Company Power Contract Obligations Annual Total Cost - Capacity & Energy (\$ in Millions)



## Boston Edison Company Power Contract Obligations Annual Market Value (\$ in Millions)



## Boston Edison Company Power Contract Obligations Annual Above Market Cost (\$ in Millions)



## Boston Edison Company Monthly Standard Offer Deferral \$ in Millions

Line	Description	<u>Dec-03</u>	Actual <u>Jan-04</u>	Actual Feb-04	Actual <u>Mar-04</u>	Actual Apr-04	Actual <u>May-04</u>	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total	Subtotal: Jan - Mar	Subtotal: Apr - May	Subtotal: Jun - Dec
1 2	Standard Offer Revenues [page 5, line 6] Standard Offer Expense [line 12]		\$ (32.492) 32.492	\$ (32.454) <u>32.454</u>	\$ (28.300) 	\$ (27.863) 	\$ (24.804) 	\$ (26.988) 	\$ (30.263) 	\$ (32.004) <u>32.004</u>	\$ (29.884) 	\$ (27.234) 	\$ (26.871) 26.871	\$ (27.129) 	\$ (346.286) 346.286	(93.246) 93.246	(52.667) 52.667	(200.373) 200.373
3 4	Standard Offer Deferral (Over) / Under Recovery Interest on SO Deferral Balance [Note]		-	-	-	-	-	-	-	-		-		-	-	-	-	-
5	SO Deferral (Over) / Under Ending Balance	<u> </u>	\$ -	\$ -	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	\$ -	\$ -	\$ -	<u>\$ -</u>	\$ -	\$ -	\$ -				
6	Standard Offer Expense Detail																	
7	NUG Purchases [page 2, line 13]		\$ 12.651	\$ 16.828	\$ 11.449	\$ 18.372	\$ 11.794	\$ 3.030	\$ 12.030	\$ 13.846	\$ 17.880	\$ 16.650	\$ 14.658	\$ 13.261	\$ 162.449	\$ 40.929	\$ 30.166	\$ 91.355
8	Short Term Market Transactions [page 4, line 6]		21.004	16.901	18.150	10.614	14.173	24.983	19.256	19.307	13.205	11.627	13.129	14.603	196.954	56.055	24.787	116.112
9	Subtotal [line 7 + line 8]		33.655	33.729	29.599	28.986	25.967	28.014	31.286	33.153	31.085	28.277	27.787	27.864	359.403	96.984	54.953	207.466
10	Wholesale % [page 6, line 7]		3.58%	3.93%	4.59%	4.03%	4.69%	3.80%	3.38%	3.59%	4.02%	3.83%	3.41%	2.71%				
11	Wholesale Cost [line 9 * line 10]		1.163	1.275	1.299	1.123	1.163	1.026	1.023	1.149	1.201	1.043	0.916	0.735	13.117	3.738	2.286	7.093
12	Standard Offer Expense [line 9 - line 11]		\$ 32.492	\$ 32.454	\$ 28.300	\$ 27.863	\$ 24.804	\$ 26.988	\$ 30.263	\$ 32.004	\$ 29.884	\$ 27.234	\$ 26.871	\$ 27.129	\$ 346.286	\$ 93.246	\$ 52.667	\$200.373
	Annual Interest Rate		1.65%	1.65%	1.65%	1.65%	1.65%	1.65%	1.65%	1.65%	1.65%	1.65%	1.65%	1.65%			<u> </u>	

### Note:

The transfer prices of the value of the NUGs is taken from line 7 and appears in GOL-3 page 14 in column E in the appropriate time period.

Jan - Mar \$ 40.929

Apr - May \$ 30.166

Jun - Dec \$ 91.355

## Boston Edison Company Monthly NUG Generation GWH

	Actual	Actual	Actual	Actual	Actual	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate		Subtotal:	Subtotal:	Subtotal:
Line Description	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	<u>Jul-04</u>	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Total	<u>Jan - Mar</u>	Apr - May	Jun - Dec

- Masspower
   Entergy Nuclear
   MBTA Jets 1
- 4 MBTA Jets 2
- 5 NEA 1
- 6 NEA 2
- 7 Ocean State 1
- 8 Ocean State 2
- OSP Replacement Power
- 10 NUGs Generation
- 11 Less: Assumed Line Losses @ 6.86%
- 12 Net GWH Delivered
- 13 Dist Co Settlement Price
- 14 Cost of NUG Purchases

## **REDACTED**

## Boston Edison Company Total NUG Cost \$ in Millions

Line	Description	Actual Jan-04	Actual <u>Feb-04</u>	Actual <u>Mar-04</u>	Actual Apr-04	Actual <u>May-04</u>	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total	Subtotal: <u>Jan - Mar</u>	Subtotal: Apr - May	Subtotal: Jun - Dec
1	Masspower																
2	Entergy Nuclear																
3	MBTA Jets 1																
4	MBTA Jets 2																
5	NEA 1																
6	NEA 2																
7	Ocean State 1						RE	DAC	TED								

- 7 Ocean State 18 Ocean State 2
- 9 Hydro Quebec 1
- 10 Hydro Quebec 2
- 11 HQ Energy Line Usage
- 12 Connecticut Yankee
- 13 Mass Yankee
- 14 Total NUG Cost

### Boston Edison Company Monthly Short Term Market Transactions \$ in Millions

Line	Description	Account	Actual Jan-04	Actual Feb-04	Actual Mar-04	Actual Apr-04	Actual <u>May-04</u>	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total	Subtotal: <u>Jan - Mar</u>	Subtotal: Apr - May	Subtotal: Jun - Dec
	Cost																	
1	Short Term SO - Sales	447640	\$ (24.867)	\$ (19.464)	\$ (16.156)	\$ (18.258)	\$(14.291)	\$(17.531)	\$ (21.378)	\$ (21.288)	\$ (17.313)	\$(17.422)	\$ (17.597)	\$ (18.344)	\$ (223.909)	\$ (60.487)	\$ (32.549)	\$ (130.873)
1a	Short Term SO - Sales (Gas Layof	f)					0.793	11.893	0.793	0.793	0.793	0.793	0.793	0.793	17.446	-	0.793	16.653
2	Short Term SO - Energy	555010	45.206	35.724	33.656	28.226	27.022	29.957	39.178	39.139	29.061	27.593	29.270	31.490	395.522	114.586	55.248	225.688
3	Short Term SO - Capacity	555020	-	0.001	-	-	-	-	-	-	-	-	-	-	0.001	0.001	-	-
4	ISO - NE	555030	0.640	0.621	0.645	0.650	0.648	0.650	0.650	0.650	0.650	0.650	0.650	0.650	7.754	1.906	1.298	4.550
5	Miscellaneous Transmission	565260	0.025	0.019	0.005	(0.004)	0.001	0.014	0.013	0.013	0.014	0.013	0.013	0.014	0.140	0.049	(0.003)	0.094
6	SO Replacement Power																	
7	Total ST Market Cost		\$ 21.004	\$ 16.901	\$ 18.150	\$ 10.614	\$ 14.173	\$ 24.983	\$ 19.256	\$ 19.307	\$ 13.205	\$ 11.627	\$ 13.129	\$ 14.603	\$ 196.954	\$ 56.055	\$ 24.787	\$ 116.112
8	GWH																	
9	Short Term SO - Sales		(475.358)	(372.439)	(368.849)	(435.829)	(362.730)	(436.097)	(449.598)	(449.598)	(436.097)	(449.598)	(436.097)	(449.598)	(5,121.888)	(1,216.646)	(798.559)	(3,106.683)
10																		
11	ST Sales Price/MWH							40.20	47.55	47.35	39.70	38.75	40.35	40.80				
	Note																	

Short term SO sales on Line 1 are calculated using the Short Term SO GWH on Line 9 by the selling price on Line 11.

### Boston Edison Company Standard Offer Revenue \$ in Millions

Line	Description	Account	Actual Jan-04	Actual Feb-04	Actual Mar-04	Actual Apr-04	Actual May-04	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total	Subtotal: Jan - Mar	Subtotal: Apr - May	Subtotal: Jun - Dec
1	Standard Offer Revenues																	
2	Residential	440170	\$ 14.042	\$ 13.968	\$ 11.180	\$ 11.252	\$ 9.374	\$ 6.797	\$ 8.550	\$ 9.258	\$ 8.257	\$ 7.417	\$ 7.786	\$ 8.372	\$ 116.253	\$ 39.190	\$ 20.626	\$ 56.437
3	Commercial	442450	15.967	16.285	14.651	14.299	13.299	17.386	18.677	19.786	18.574	17.159	16.430	16.277	198.790	46.903	27.598	124.289
4	Industrial	442460	1.974	1.747	2.031	1.912	1.774	2.579	2.804	2.719	2.790	2.368	2.342	2.145	27.185	5.752	3.686	17.747
5	Street Light	444070	0.509	0.454	0.438	0.400	0.357	0.226	0.232	0.241	0.263	0.290	0.313	0.335	4.058	1.401	0.757	1.900
6	Total Standard Offer Revenues		\$ 32.492	\$ 32.454	\$ 28.300	\$ 27.863	\$ 24.804	\$ 26.988	\$ 30.263	\$ 32.004	\$ 29.884	\$ 27.234	\$ 26.871	\$ 27.129	\$ 346.286	\$ 93.246	\$ 52.667	\$ 200.373
7	Standard Offer Price							\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100				
8	SOSFA Price							\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
9																		
10	Standard Offer GWH Sales		646.596	636.840	555.017	546.460	486.415	529.177	593.408	627.518	585.967	534.010	526.902	531.952	6,800.262	1,838.453	1,032.875	3,928.934

## Boston Edison Company Monthly Wholesale GWH Sales, Wholesale Sales as Percentage of Sales

Line	Wholesale Customer	Actual Jan-04	Actual Feb-04	Actual Mar-04	Actual Apr-04	Actual May-04	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total	Subtotal: Jan - Mar	Subtotal: Apr - May	Subtotal: Jun - Dec
1	Braintree	8.541	9.206	9.693	9.273	9.087	7.197	7.409	7.990	11.921	8.160	-	-	88.477	27.440	18.360	42.677
2	MassPort	15.441	16.815	17.005	13.679	14.873	13.681	13.343	15.397	12.623	13.112	18.615	14.808	179.392	49.261	28.552	101.579
3	Other																
4	Total Wholesale Sales	23.982	26.021	26.698	22.952	23.960	20.878	20.752	23.387	24.544	21.272	18.615	14.808	267.869	76.701	46.912	144.256
5	Retail Sales - SO	646.596	636.840	555.017	546.460	486.415	529.177	593.408	627.518	585.967	534.010	526.902	531.952	6,800.262	1,838.453	1,032.875	3,928.934
6	Total Sales (Whsle + SO)	670.578	662.861	581.715	569.412	510.375	550.055	614.160	650.905	610.511	555.282	545.517	546.760	7,068.131	1,915.154	1,079.787	4,073.190
7	Wholesale % (Line 4 / line 6)	3.58%	3.93%	4.59%	4.03%	4.69%	3.80%	3.38%	3.59%	4.02%	3.83%	3.41%	2.71%				

### Boston Edison Company Monthly Standard Offer Deferral \$ in Millions

Line	Description	<u>Dec-03</u>	Actual <u>Jan-04</u>	Actual Feb-04	Actual <u>Mar-04</u>	Actual Apr-04	Actual <u>May-04</u>	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total	Subtotal: Jan - Mar	Subtotal: Apr - May	Subtotal: Jun - Dec
1	Standard Offer Revenues [page 5, line 6] Standard Offer Expense [line 12]		. ,	,	\$ (28.300) 28.300	\$ (27.863) 27.863	\$ (24.804) 24.804	\$ (26.988) 26.988	\$ (30.263) 30.263	\$ (32.004) 32.004	\$ (29.884) 29.884	\$ (27.234) 27.234	\$ (26.871) 26.871	\$ (27.129) 27.129	\$ (346.286) 346.286	(93.246) 93.246	(52.667) 52.667	(200.373) 200.373
			32.492	32.454	20.300	21.003	24.004	20.900	30.203	32.004	29.004	21.234	20.071	21.129	340.200	93.240	32.007	200.373
3	Standard Offer Deferral (Over) / Under Recovery		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Interest on SO Deferral Balance [Note]														-			
5	SO Deferral (Over) / Under Ending Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
6	Standard Offer Expense Detail																	
7	NUG Purchases [page 2, line 13]		\$ 12.651	\$ 16.828	\$ 11.449	\$ 18.372	\$ 11.794	\$ 3.030	\$ 10.812	\$ 13.111	\$ 17.119	\$ 15.992	\$ 14.086	\$ 12.592	\$ 157.836	\$ 40.929	\$ 30.166	\$ 86.742
8	Short Term Market Transactions [page 4, line 6]		21.004	16.901	18.150	10.614	14.173	24.983	20.474	20.042	13.967	12.285	13.701	15.272	201.567	56.055	24.787	120.725
9	Subtotal [line 7 + line 8]		33.655	33.729	29.599	28.986	25.967	28.014	31.286	33.153	31.085	28.277	27.787	27.864	359.403	96.984	54.953	207.466
10	Wholesale % [page 6, line 7]		3.58%	3.93%	4.59%	4.03%	4.69%	3.80%	3.38%	3.59%	4.02%	3.83%	3.41%	2.71%				
11	Wholesale Cost [line 9 * line 10]		1.163	1.275	1.299	1.123	1.163	1.026	1.023	1.149	1.201	1.043	0.916	0.735	13.117	3.738	2.286	7.093
12	Standard Offer Expense [line 9 - line 11]		\$ 32.492	\$ 32.454	\$ 28.300	\$ 27.863	\$ 24.804	\$ 26.988	\$ 30.263	\$ 32.004	\$ 29.884	\$ 27.234	\$ 26.871	\$ 27.129	\$ 346.286	\$ 93.246	\$ 52.667	\$200.373
	Annual Interest Rate		1.65%	1.65%	1.65%	1.65%	1.65%	1.65%	1.65%	1.65%	1.65%	1.65%	1.65%	1.65%				<u></u>

### **Boston Edison Company** Monthly NUG Generation GWH

Line Description	Actual Jan-04	Actual Feb-04	Actual Mar-04	Actual Apr-04	Actual May-04	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total	Subtotal: S Jan - Mar A	

- 1 Masspower
- 2 Entergy Nuclear 3 MBTA Jets 1
- 4 MBTA Jets 2
- 5 NEA 1 6 NEA 2
- 7 Ocean State 1
- 8 Ocean State 2 9 OSP Replacement Power
- 10 NUGs Generation
- 11 Less: Assumed Line Losses @ 6.86%
- 12 Net GWH Delivered
- 13 Dist Co Settlement Price
- 14 Cost of NUG Purchases



## Boston Edison Company Total NUG Cost \$ in Millions

Line	Description	Actual Jan-04	Actual Feb-04	Actual Mar-04	Actual Apr-04	Actual May-04	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total	Subtotal: Jan - Mar	Subtotal: Apr - May	Subtotal: Jun - Dec
1 2	Masspower Entergy Nuclear																
	MBTA Jets 1																
3	MBTA Jets 2																
4 5	NEA 1																
5	NEA I																
6	NEA 2							RE	DAC	TED							
7	Ocean State 1								•								
,																	
8	Ocean State 2																
9	Hydro Quebec 1																
10	Hydro Quebec 2																
11	HQ Energy Line Usage																
12	Connecticut Yankee																
13	Mass Yankee																
14	Total NUG Cost																

### Boston Edison Company Monthly Short Term Market Transactions \$ in Millions

Line	Description	Account	Actual Jan-04	Actual Feb-04	Actual <u>Mar-04</u>	Actual Apr-04	Actual <u>May-04</u>	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total	Subtotal: <u>Jan - Mar</u>	Subtotal: Apr - May	Subtotal: Jun - Dec
	Cost																	
1	Short Term SO - Sales	447640	\$ (24.867)	\$ (19.464)	\$ (16.156)	\$ (18.258)	\$(14.291)	\$(17.531)	\$ (22.111)	\$ (22.018)	\$ (17.865)	\$(18.019)	\$ (18.158)	\$ (18.972)	\$ (227.710)	\$ (60.487)	\$ (32.549)	\$ (134.674)
1a	Short Term SO - Sales (Gas Layof	f)	-	-	-	-	0.793	11.893	-	-	-	-	-	-	12.687	-	0.793	11.893
2	Short Term SO - Energy	555010	45.206	35.724	33.656	28.226	27.022	29.957	39.178	39.139	29.061	27.593	29.270	31.490	395.522	114.586	55.248	225.688
3	Short Term SO - Capacity	555020	-	0.001	-	-	-	-	-	-	-	-	-	-	0.001	0.001	-	-
4	ISO - NE	555030	0.640	0.621	0.645	0.650	0.648	0.650	0.650	0.650	0.650	0.650	0.650	0.650	7.754	1.906	1.298	4.550
5	Miscellaneous Transmission	565260	0.025	0.019	0.005	(0.004)	0.001	0.014	0.013	0.013	0.014	0.013	0.013	0.014	0.140	0.049	(0.003)	0.094
6	OSP Replacement Power Cost								2.744	2.258	2.107	2.048	1.926	2.090	13.173			13.173
7	Total ST Market Cost		\$ 21.004	\$ 16.901	\$ 18.150	\$ 10.614	\$ 14.173	\$ 24.983	\$ 20.474	\$ 20.042	\$ 13.967	\$ 12.285	\$ 13.701	\$ 15.272	\$ 201.567	\$ 56.055	\$ 24.787	\$ 120.725
8	GWH																	
9	Short Term SO - Sales		(475.358)	(372.439)	(368.849)	(435.829)	(362.730)	(436.097)	(465.001)	(465.001)	(450.001)	(465.001)	(450.001)	(465.001)	(5,211.307)	(1,216.646)	(798.559)	(3,196.102)
10																		
11	ST Sales Price/MWH							40.20	47.55	47.35	39.70	38.75	40.35	40.80				
	Note																	

Short term SO sales on Line 1 are calculated using the Short Term SO GWH on Line 9 by the selling price on Line 11.

### Boston Edison Company Standard Offer Revenue \$ in Millions

Line	Description	Account	Actual Jan-04	Actual Feb-04	Actual Mar-04	Actual Apr-04	Actual May-04	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total	Subtotal: <u>Jan - Mar</u>	Subtotal: Apr - May	Subtotal: Jun - Dec
1	Standard Offer Revenues																	
2	Residential	440170	\$ 14.042	\$ 13.968	\$ 11.180	\$ 11.252	\$ 9.374	\$ 6.797	\$ 8.550	\$ 9.258	\$ 8.257	\$ 7.417	\$ 7.786	\$ 8.372	\$ 116.253	\$ 39.190	\$ 20.626	\$ 56.437
3	Commercial	442450	15.967	16.285	14.651	14.299	13.299	17.386	18.677	19.786	18.574	17.159	16.430	16.277	198.790	46.903	27.598	124.289
4	Industrial	442460	1.974	1.747	2.031	1.912	1.774	2.579	2.804	2.719	2.790	2.368	2.342	2.145	27.185	5.752	3.686	17.747
5	Street Light	444070	0.509	0.454	0.438	0.400	0.357	0.226	0.232	0.241	0.263	0.290	0.313	0.335	4.058	1.401	0.757	1.900
6	Total Standard Offer Revenues		\$ 32.492	\$ 32.454	\$ 28.300	\$ 27.863	\$ 24.804	\$ 26.988	\$ 30.263	\$ 32.004	\$ 29.884	\$ 27.234	\$ 26.871	\$ 27.129	\$ 346.286	\$ 93.246	\$ 52.667	\$ 200.373
7	Standard Offer Price							\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100				
8	SOSFA Price							\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
9																		
10	Standard Offer GWH Sales		646.596	636.840	555.017	546.460	486.415	529.177	593.408	627.518	585.967	534.010	526.902	531.952	6,800.262	1,838.453	1,032.875	3,928.934

## Boston Edison Company Monthly Wholesale GWH Sales, Wholesale Sales as Percentage of Sales

Line	Wholesale Customer	Actual Jan-04	Actual Feb-04	Actual Mar-04	Actual Apr-04	Actual May-04	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total	Subtotal: Jan - Mar	Subtotal: Apr - May	Subtotal: Jun - Dec
1	Braintree	8.541	9.206	9.693	9.273	9.087	7.197	7.409	7.990	11.921	8.160	-	-	88.477	27.440	18.360	42.677
2	MassPort	15.441	16.815	17.005	13.679	14.873	13.681	13.343	15.397	12.623	13.112	18.615	14.808	179.392	49.261	28.552	101.579
3	Other																
4	Total Wholesale Sales	23.982	26.021	26.698	22.952	23.960	20.878	20.752	23.387	24.544	21.272	18.615	14.808	267.869	76.701	46.912	144.256
5	Retail Sales - SO	646.596	636.840	555.017	546.460	486.415	529.177	593.408	627.518	585.967	534.010	526.902	531.952	6,800.262	1,838.453	1,032.875	3,928.934
6	Total Sales (Whsle + SO)	670.578	662.861	581.715	569.412	510.375	550.055	614.160	650.905	610.511	555.282	545.517	546.760	7,068.131	1,915.154	1,079.787	4,073.190
7	Wholesale % (Line 4 / line 6)	3.58%	3.93%	4.59%	4.03%	4.69%	3.80%	3.38%	3.59%	4.02%	3.83%	3.41%	2.71%				

# Boston Edison Company Monthly Standard Offer Deferral \$ in Millions

<u>Line</u>	Description	<u>Dec-04</u>	Forecast Jan-05	Forecast <u>Feb-05</u>	Total
1 2	Standard Offer Revenues [page 5, line 6] Standard Offer Expense [line 12]		\$ (34.403) 34.403	\$ (34.363) 34.363	\$ (68.766) 68.766
3 4	Standard Offer Expense [line 12] Standard Offer Deferral (Over) / Under Recovery Interest on SO Deferral Balance [Note]		- - -	- -	<u> </u>
5	SO Deferral (Over) / Under Ending Balance	<u>\$ -</u>	<u>\$ -</u>	\$ -	
6	Standard Offer Expense Detail				
7 8	NUG Purchases [page 2, line 13] Short Term Market Transactions [page 4, line 6]		\$ 3.077 32.128	\$ 11.318 23.928	\$ 14.395 56.056
9 10	Subtotal [line 7 + line 8] Wholesale % [page 6, line 7]		35.205 2.33%	35.246 2.57%	70.451
11	Wholesale Cost [line 9 * line 10]		0.802	0.883	1.685
12	Standard Offer Expense [line 9 - line 11]		\$ 34.403	\$ 34.363	<u>\$ 68.766</u>
	Annual Interest Rate		1.65%	1.65%	

## Boston Edison Company Monthly NUG Generation GWH

LineDescriptionForecastForecastLineDescriptionJan-05Feb-05Total

- 1 Masspower
- 2 Entergy Nuclear
- 3 MBTA Jets 1
- 4 MBTA Jets 2
- 5 NEA 1
- 6 NEA 2

# Ocean State 1 REDACTED

- 8 Ocean State 2
- 9 OSP Replacement Power
- 10 NUGs Generation
- 11 Less: Assumed Line Losses @ 6.86%
- 12 Net GWH Delivered
- 13 Dist Co Settlement Price
- 14 Cost of NUG Purchases

## Boston Edison Company Total NUG Cost \$ in Millions

Forecast Forecast Line Description <u>Jan-05</u> Feb-05 Total 1 Masspower 2 **Entergy Nuclear** MBTA Jets 1 MBTA Jets 2 5 NEA 1 **REDACTED** 6 NEA 2 7 Ocean State 1 Ocean State 2 8 Hydro Quebec 1 9 10 Hydro Quebec 2 11 HQ Energy Line Usage 12 Connecticut Yankee Mass Yankee 13 **Total NUG Cost** 14

# Boston Edison Company Monthly Short Term Market Transactions \$ in Millions

Line	Description	Account	Forecast <u>Jan-05</u>	Forecast <u>Feb-05</u>	Total
	Cost	_			
1	Short Term SO - Sales	447640	\$ (13.743)	\$ (12.437)	\$ (26.180)
2	Short Term SO - Energy	555010	45.206	35.724	80.930
3	Short Term SO - Capacity	555020	-	0.001	0.001
4	ISO - NE	555030	0.640	0.621	1.261
5	Miscellaneous Transmission	565260	0.025	0.019	0.044
6	OSP Replacement Power				
7	Total ST Market Cost		\$ 32.128	\$ 23.928	\$ 56.056

# Boston Edison Company Standard Offer Revenue \$ in Millions

Line	Description	Account	<u>.</u>	<u>Jan-05</u>	<u> </u>	Feb-05		Total
1	Standard Offer Revenues							
2	Residential	440170	\$	14.868	\$	14.790	\$	29.658
3	Commercial	442450	\$	16.906	\$	17.243		34.149
4	Industrial	442460	\$	2.090	\$	1.850		3.940
5	Street Light	444070	\$	0.539	\$	0.481		1.020
6	Total Standard Offer Revenues		\$	34.403	\$	34.363	\$	68.766
7	Standard Offer Price		\$	0.054	\$	0.054		
8	SOSFA Price							
9								
10	Standard Offer GWH Sales			646.596		636.840	1	,283.436

# Boston Edison Company Monthly Wholesale GWH Sales, Wholesale Sales as Percentage of Sales

		Fore	cast	
Line	Wholesale Customer	<u>Jan-05</u>	<u>Feb-05</u>	Total
1	Braintree			-
2	MassPort	15.441	16.815	32.256
3	Other			
4	Total Wholesale Sales	15.441	16.815	32.256
5	Retail Sales - SO	646.596	636.840	1,283.436
6	Total Sales (Whsle + SO)	662.037	653.655	1,315.692
7	Wholesale % (Line 4 / line 6)	2.33%	2.57%	

# Boston Edison Company Monthly Standard Offer Deferral \$ in Millions

<u>Line</u>	Description	<u>Dec-04</u>	Forecast Jan-05	Forecast <u>Feb-05</u>	Total
1 2	Standard Offer Revenues [page 5, line 6] Standard Offer Expense [line 12]		\$ (34.403) 34.403	\$ (34.363) 34.363	\$ (68.766) 68.766
3 4	Standard Offer Expense [line 12] Standard Offer Deferral (Over) / Under Recovery Interest on SO Deferral Balance [Note]		- - -	- -	<u> </u>
5	SO Deferral (Over) / Under Ending Balance	<u>\$ -</u>	<u>\$ -</u>	\$ -	
6	Standard Offer Expense Detail				
7 8	NUG Purchases [page 2, line 13] Short Term Market Transactions [page 4, line 6]		\$ 3.077 32.128	\$ 11.318 23.928	\$ 14.395 56.056
9 10	Subtotal [line 7 + line 8] Wholesale % [page 6, line 7]		35.205 2.33%	35.246 2.57%	70.451
11	Wholesale Cost [line 9 * line 10]		0.802	0.883	1.685
12	Standard Offer Expense [line 9 - line 11]		\$ 34.403	\$ 34.363	<u>\$ 68.766</u>
	Annual Interest Rate		1.65%	1.65%	

## Boston Edison Company Monthly NUG Generation GWH

LineDescriptionForecastForecastLineDescriptionJan-05Feb-05Total

- 1 Masspower
- 2 Entergy Nuclear
- 3 MBTA Jets 1
- 4 MBTA Jets 2
- 5 NEA 1
- 6 NEA 2

# Ocean State 1 REDACTED

- 8 Ocean State 2
- 9 OSP Replacement Power
- 10 NUGs Generation
- 11 Less: Assumed Line Losses @ 6.86%
- 12 Net GWH Delivered
- 13 Dist Co Settlement Price
- 14 Cost of NUG Purchases

## Boston Edison Company Total NUG Cost \$ in Millions

Forecast Forecast Line Description <u>Jan-05</u> Feb-05 Total 1 Masspower 2 **Entergy Nuclear** MBTA Jets 1 MBTA Jets 2 5 NEA 1 **REDACTED** 6 NEA 2 7 Ocean State 1 Ocean State 2 8 Hydro Quebec 1 9 10 Hydro Quebec 2 11 HQ Energy Line Usage 12 Connecticut Yankee Mass Yankee 13 **Total NUG Cost** 14

# Boston Edison Company Monthly Short Term Market Transactions \$ in Millions

Line	Description	Account	Forecast <u>Jan-05</u>	Forecast <u>Feb-05</u>	Total
	Cost	_			
1	Short Term SO - Sales	447640	\$ (13.743)	\$ (12.437)	\$ (26.180)
2	Short Term SO - Energy	555010	45.206	35.724	80.930
3	Short Term SO - Capacity	555020	-	0.001	0.001
4	ISO - NE	555030	0.640	0.621	1.261
5	Miscellaneous Transmission	565260	0.025	0.019	0.044
6	OSP Replacement Power				
7	Total ST Market Cost		\$ 32.128	\$ 23.928	\$ 56.056

# Boston Edison Company Standard Offer Revenue \$ in Millions

Line	Description	Account	<u>.</u>	<u>Jan-05</u>	<u> </u>	Feb-05		Total
1	Standard Offer Revenues							
2	Residential	440170	\$	14.868	\$	14.790	\$	29.658
3	Commercial	442450	\$	16.906	\$	17.243		34.149
4	Industrial	442460	\$	2.090	\$	1.850		3.940
5	Street Light	444070	\$	0.539	\$	0.481		1.020
6	Total Standard Offer Revenues		\$	34.403	\$	34.363	\$	68.766
7	Standard Offer Price		\$	0.054	\$	0.054		
8	SOSFA Price							
9								
10	Standard Offer GWH Sales			646.596		636.840	1	,283.436

# Boston Edison Company Monthly Wholesale GWH Sales, Wholesale Sales as Percentage of Sales

		Fore	cast	
Line	Wholesale Customer	<u>Jan-05</u>	<u>Feb-05</u>	Total
1	Braintree			-
2	MassPort	15.441	16.815	32.256
3	Other			
4	Total Wholesale Sales	15.441	16.815	32.256
5	Retail Sales - SO	646.596	636.840	1,283.436
6	Total Sales (Whsle + SO)	662.037	653.655	1,315.692
7	Wholesale % (Line 4 / line 6)	2.33%	2.57%	

# Boston Edison Company Monthly Standard Offer Deferral \$ in Millions

<u>Line</u>	Description	Dec-04	Forecast <u>Jan-05</u>	Forecast <u>Feb-05</u>	Total
1	Standard Offer Revenues [page 5, line 6]		\$ (34.403)	\$ (34.363)	\$ (68.766)
2	Standard Offer Expense [line 12]		<u>34.403</u>	<u>34.363</u>	68.766
3	Standard Offer Deferral (Over) / Under Recovery		-	-	-
4	Interest on SO Deferral Balance [Note]		-	-	-
5	SO Deferral (Over) / Under Ending Balance	\$ -	\$ -	\$ -	
6	Standard Offer Expense Detail				
7	NUG Purchases [page 2, line 13]		\$ 1.456	\$ 9.715	\$ 11.171
8	Short Term Market Transactions [page 4, line 6]		33.749	25.531	59.280
9	Subtotal [line 7 + line 8]		35.205	35.246	70.451
10	Wholesale % [page 6, line 7]		2.33%	2.57%	
11	Wholesale Cost [line 9 * line 10]		0.802	0.883	1.685
12	Standard Offer Expense [line 9 - line 11]		\$ 34.403	\$ 34.363	\$ 68.766
	Annual Interest Rate		1.65%	1.65%	

## Boston Edison Company Monthly NUG Generation GWH

Forecast Forecast Line Description Jan-05 Feb-05 Total Masspower **Entergy Nuclear** MBTA Jets 1 MBTA Jets 2 NEA 1 NEA 2 6 Ocean State 1 REDACTED Ocean State 2 **OSP Replacement Power NUGs Generation** 11 Less: Assumed Line Losses @ 6.86% 12 Net GWH Delivered Dist Co Settlement Price 14 Cost of NUG Purchases

# Boston Edison Company Total NUG Cost \$ in Millions

Line	Description	Forecast <u>Jan-05</u>	Forecast Feb-05	Total
1	Masspower			
2	Entergy Nuclear			
3	MBTA Jets 1			
4	MBTA Jets 2			
5	NEA 1			
6	NEA 2			
		DE	DACTED	
7	Ocean State 1	KE	DACTED	
8	Ocean State 2			
9	Hydro Quebec 1			
10	Hydro Quebec 2			
11	HQ Energy Line Usage			
12	Connecticut Yankee			
13	Mass Yankee			
4.4	Taral NILIO Occar			
14	Total NUG Cost			

# Boston Edison Company Monthly Short Term Market Transactions \$ in Millions

Line	<u>Description</u> Cost	Account	Forecast <u>Jan-05</u>	Forecast Feb-05	Total
	COSI				
1	Short Term SO - Sales	447640	\$(12.122)	\$ (10.834)	\$ (22.956)
2	Short Term SO - Energy	555010	45.206	35.724	80.930
3	Short Term SO - Capacity	555020	-	0.001	0.001
4	ISO - NE	555030	0.640	0.621	1.261
5	Miscellaneous Transmission	565260	0.025	0.019	0.044
6	OSP Replacement Power		<u> </u>		
7	Total ST Market Cost		\$ 33.749	\$ 25.531	\$ 59.280

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# Boston Edison Company Standard Offer Revenue \$ in Millions

Line	Description	Account	<u>.</u>	<u>Jan-05</u>	<u> </u>	Feb-05		Total
1	Standard Offer Revenues							
2	Residential	440170	\$	14.868	\$	14.790	\$	29.658
3	Commercial	442450	\$	16.906	\$	17.243		34.149
4	Industrial	442460	\$	2.090	\$	1.850		3.940
5	Street Light	444070	\$	0.539	\$	0.481		1.020
6	Total Standard Offer Revenues		\$	34.403	\$	34.363	\$	68.766
7	Standard Offer Price		\$	0.054	\$	0.054		
8	SOSFA Price							
9								
10	Standard Offer GWH Sales			646.596		636.840	1	,283.436

# Boston Edison Company Monthly Wholesale GWH Sales, Wholesale Sales as Percentage of Sales

Forecast					
Line	Wholesale Customer	<u>Jan-05</u>	<u>Feb-05</u>	Total	
1	Braintree			-	
2	MassPort	15.441	16.815	32.256	
3	Other				
4	Total Wholesale Sales	15.441	16.815	32.256	
5	Retail Sales - SO	646.596	636.840	1,283.436	
6	Total Sales (Whsle + SO)	662.037	653.655	1,315.692	
7	Wholesale % (Line 4 / line 6)	2.33%	2.57%		

# Boston Edison Company d/b/a NSTAR ELECTRIC

# **Direct Testimony of Robert B. Hevert on OSP Contract Assignments**

# **Exhibit NSTAR-RBH**

# D.T.E. 04-68

1		I. INTRODUCTION
2	Q.	Please state your name, affiliation and business address.
3	A.	My name is Robert B. Hevert and I am President of Concentric Energy Advisors, Inc.
4		("CEA"), located at 313 Boston Post Road West, Suite 210, Marlborough, Massachusetts
5		01752.
6	Q.	On whose behalf are you submitting this direct testimony?
7	A.	I am submitting this testimony on behalf of Boston Edison Company ("Boston Edison")
8		or the "Company").
9	Q.	Please describe the nature of the services provided by CEA.
10	A.	CEA is a management consulting and economic advisory firm focused on the North
11		American energy and water industries. CEA specializes in transaction-related financial
12		advisory services including merger, acquisition and divestiture engagements, as well as
13		strategic and management consulting services. Prior to CEA, the majority of CEA's staff
14		were members of Reed Consulting Group ("RCG"), which subsequently was acquired by
15		Navigant Consulting, Inc. ("NCI").
16		Since 1997, CEA staff members have advised either the seller or a prospective
17		buyer of physical or contractual generation assets in numerous transactions. On the sell
18		side, CEA's staff has provided advisory services in transactions with an aggregate value
19		in excess of \$20 billion. Specific sell-side engagements for power purchase agreements

("PPAs") on which CEA staff members have worked include the NSTAR Electric<sup>1</sup> 1999 auction process for its PPA Entitlements, Standard Offer and Default Service supply, as well as Niagara Mohawk Power Corporation's 2000 auction for approximately 6,000 megawatts ("MW") of contracted capacity.

More recently, CEA served as sell-side advisor to Rochester Gas and Electric in its R.E. Ginna nuclear power plant sale, which included a long-term PPA for energy and capacity associated with the plant. Other transactions including physical and contractual assets for which CEA staff members had been retained include: Boston Edison's fossil fuel-fired generation assets; Boston Edison's Pilgrim nuclear station; Eastern Utilities Associates fossil and hydro generating assets; Central Hudson Gas and Electric; GPU fossil, hydro, development properties and GENCo divestiture; GPU Oyster Creek nuclear station; Potomac Electric Power Company generation assets and power contracts; Nine Mile Point Units 1 and 2; and Conectiv's fossil and nuclear generating assets. On the buy-side, CEA staff members have represented or otherwise supported numerous confidential clients in the assessment and valuation of various merchant and utility generating resources.

NSTAR Electric includes Boston Edison, Cambridge Electric Light Company ("Cambridge") and Commonwealth Electric Company ("Commonwealth").

- Q. What services have CEA staff members provided on the sell-side of generation divestiture transactions specifically regarding PPAs?
- 3 On the sell side of power contracts and entitlements, CEA staff members have been A. 4 involved in all aspects of the auction process, from process design to transaction closing. 5 Those responsibilities have included: developing the overall sales process; enhancing 6 market interest in the assets being sold through the development of detailed offering 7 materials; assisting the seller in establishing the transaction terms; managing the due 8 diligence process; reviewing transaction documents; reviewing and analyzing round bids; 9 assisting in negotiations with bidders; providing financial valuations of the assets; and 10 assisting in obtaining required regulatory and corporate approvals, including the 11 preparation and delivery of fairness opinions. In that regard, CEA staff members have 12 provided testimony in several jurisdictions regarding auction processes and the fair value 13 of assets.
  - Q. Do CEA staff members have experience in evaluating contractual resources other than in divestiture-related auctions?

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16 A. Yes. In addition to the divestiture experience described above, CEA staff members have
17 worked with various confidential clients to develop or assess resource portfolio
18 optimization and generation strategies. Those clients include regulated utilities, non19 regulated generation companies, and municipal utilities. In many instances, these clients
20 required valuations of their generation resources, both physical and contractual, for the
21 purposes of financing, strategy development, resource planning, or transaction planning.

# 1 Q. Please describe your professional experience.

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A. I have served as an executive and manager with other consulting firms (RCG and NCI), and as an officer of Bay State Gas Company. I have provided testimony regarding strategic and financial matters before state several utility regulatory agencies, and have advised numerous clients on all aspects of generation asset acquisition and divestiture transactions on both the buy and sell-side. Among other transactions, my sell-side advisory experience includes the fall 1999 initial auction of the NSTAR Electric power contracts. A summary of my professional and educational background is attached as Exhibit NSTAR-RBH-1.

# 10 Q. What is the purpose of your testimony?

11 A. The purpose of my testimony is to describe NSTAR Electric's auction process for the
12 sale or transfer of its rights to 24 Power Purchase Agreements (the "PPA Entitlements" or
13 the "Contracts"), and to support the Company's testimony as to the results of that
14 process. In particular, my testimony will address the results of the auction process for the
15 Ocean State Power PPA Entitlements (collectively referred to herein as the "OSP
16 Contracts").

# Q. Please summarize your testimony.

A. Following this introduction, I describe the circumstances leading up to NSTAR Electric's divestiture, discuss the auction's overall design and implementation, and provide an overview of the results of the auction process. My testimony will also address the auction structure relative to the standards established by the Department of

Telecommunications and Energy (the "Department") in accordance with the Electric Restructuring Act (the "Act").

#### II. DESCRIPTION OF AUCTION PROCESS

# 4 Q. Why did NSTAR Electric choose to auction the PPA Entitlements at this time?

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A.

The Company chose to auction its PPA Entitlements for a number of reasons. In accordance with the terms of the Department-approved Restructuring Settlement (for Boston Edison) and the Department-approved Restructuring Plan (for Cambridge and Commonwealth), NSTAR Electric was obligated to divest its fossil, nuclear and contractual generation resources. Although it completed the divestiture of its fossil and nuclear generation resources, NSTAR Electric has not been able to complete the transfer of all of its contractual resources. Indeed, during 1999 and into 2000, NSTAR Electric conducted auctions of its portfolio of power contracts, but did not enter into any definitive agreements as a result of that process. In 2003, NSTAR Electric decided to reauction its PPA Entitlements with the intent of transferring or otherwise divesting the contracts if the resulting transactions were likely to mitigate the above-market costs associated with those contracts.

### Q. How did NSTAR Electric develop its PPA Entitlement divestiture program?

A. The Company began developing the current PPA Entitlement divestiture program in July, 2003 when it established a team of employees whose objective it was to develop and implement a process designed to mitigate, to the greatest possible extent, the above-market costs associated with the Contracts. The divestiture team, which had

Testimony of Robert B. Hevert D.T.E. 04-68 Exhibit NSTAR-RBH July 16, 2004 Page 6

responsibility for four major areas: (1) Developing the Offering Memorandum and Early Interest Package; (2) Marketing, communications, and bidder support; (3) Conducting the Auction; and (4) Bid Evaluation and Recommendations, included Company employees and consultants from CEA. Throughout the process, the divestiture team met weekly (in face-to-face meetings or via conference call) to ensure that all aspects of the process were integrated and coordinated, and to maintain communication among all parties. In addition, the divestiture team periodically met with Company management to report progress and to make decisions critical to the auction process.

A.

Q. The auction process has taken nearly one year from the initial planning stage to the signing of transaction agreements. Please explain why that schedule is reasonable.

I believe this schedule is reasonable for several reasons. First, the auction of a portfolio of power contracts is an extremely complex transaction due to the myriad legal, tax, accounting, marketing, regulatory and valuation issues, each of which must be thoroughly developed and vetted at the outset of the process. In addition, as explained later in my testimony, NSTAR Electric encouraged bidders to submit bids on any combination of contracts in order to maximize the value of the portfolio. While the advantage of that bidding structure was to heighten the competitive pressure among bidders, it also complicated and lengthened the amount of time needed to adequately review and negotiate competing bids.

1	Q.	Please describe 1	NSTAR	Electric's	objectives	for	the	PPA	Entitlement	divestiture
2		process.								

- A. The Company and CEA sought to design an auction that was equitable and structured to
  maximize the mitigation of transition costs associated with the Contracts. As such, our
  objective was to implement a process that ensured complete, uninhibited, nondiscriminatory access to all data and information by any and all interested parties seeking
  to participate. Accordingly, the primary objectives of the divestiture process included:
- Minimizing the above-market costs associated with the PPA Entitlements;
- Developing, implementing and maintaining the most competitive auction process
   possible;
- Ensuring fair treatment of all bidders;
- Ensuring that the auction process was timely, efficient, and unbiased.
- 13 Q. Please describe the specific responsibilities of the divestiture team.
- A. As noted earlier, the divestiture team had responsibility for four major areas: (1)

  Developing the Offering Memorandum and Early Interest Package; (2) Marketing,

  communications, and bidder support; (3) Conducting the Auction; and (4) Bid Evaluation

  and Recommendations.
- 18 Q. What were the team's responsibilities regarding communications?
- 19 A. The team's overall communications objective was to manage internal and external 20 communications regarding the auction process. More specifically, the team was

responsible for managing communications with Company management, developing press
releases and responding to media calls.

# Q. What were the team's responsibilities with respect to marketing, due diligence, and bidder support?

A.

These responsibilities included all activities associated with marketing the PPA Entitlements. Such activities included identifying the target market, developing and delivering marketing materials, and soliciting expressions of interest through direct mail, and telephonic contact. These activities also included drafting the Early Interest Package and Offering Memorandum, negotiating and executing Confidentiality Agreements, evaluating bidder qualifications, preparing bid instructions, and analyzing all bids. Throughout the auction process, the team also focused on treating all bidders consistently and fairly.

The team was also responsible for managing the due diligence process, including the preparation of documentation CD-ROMs, managing bidder questions and answers ("Q&As"), and participating in or facilitating meetings or conference calls between individual bidders and company personnel. The due diligence process, which is discussed in more detail later in my testimony, was designed to ensure that each bidder received the information necessary to satisfactorily complete its evaluation of the PPA Entitlements, and that such information was provided in a consistent, timely, and equitable manner.

As discussed later in my testimony, CEA staff members supported bidders throughout the due diligence process by serving as "bidder representatives". That is, each bidder was assigned a specific CEA staff member to whom all questions and scheduling issues were directed. The bidder representatives worked with their respective bidders to resolve any unanswered questions and to schedule meetings or conference calls with Company personnel.

7 Q. Please describe the team's responsibilities as they relate to terms of sale.

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- A. The divestiture team was responsible for developing the principal terms of the transaction documents. In that role, the divestiture team worked closely with NSTAR Electric to develop the key transaction parameters. The team's primary objectives for the transaction terms were to maximize the mitigation of transition costs associated with the PPA Entitlements.
- Q. What are the divestiture team's responsibilities with respect to the closing process?
- 14 A. The divestiture team is responsible for all activities after the execution of transaction
  15 documents through final closing. CEA provided analysis, recommendations and support
  16 through the negotiations, which NSTAR Electric conducted. The team will continue to
  17 support the legal advisors and will seek the expeditious approval of the transaction.
- 18 Q. Please provide an overview of the auction process used to market the PPA

  19 Entitlements.
- A. The auction process was developed with the primary objective of mitigating, to the greatest extent possible, the above-market costs associated with the PPA Entitlements.

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Accordingly, the process was designed to be a fair, unbiased process in which bidders would have the ability and opportunity to maximize the value of their respective bids. Initially, CEA undertook an aggressive preliminary marketing campaign during which interest in the PPA Entitlements was developed and solicited from numerous potential bidders. Throughout the auction process, substantial amounts of information and documentation relating to the PPA Entitlements, together with ongoing due diligence support, were provided to all qualified bidders. At the end of the bid process, bidders submitted their bids, including both pricing and contractual terms ("Bids"). A time line and overview of the auction process is provided in Exhibit NSTAR-RBH-2.

# Q. How did NSTAR Electric initially market the PPA Entitlements?

A. The initial marketing phase began on October 1, 2003 when NSTAR Electric publicly announced its intention to sell or transfer the 24 PPA Entitlements. Following that announcement, an Early Interest Package was sent to approximately 90 potential bidders including the counterparties to the PPAs, global, national and regional energy companies, unregulated affiliates of electric and gas utility companies, project developers, energy marketers, financial advisors and investment firms.

# Q. Please describe the Early Interest Package.

A. The Early Interest Package included an Early Interest Letter ("EIL"), a Confidentiality

Agreement, and a Request for Qualifications ("RFQ"). Copies of all documents are

included as NSTAR-RBH-3. The EIL provided a brief description of the PPA

Entitlements, a general overview of the regional market, and contact instructions for

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1		interested parties seeking additional information regarding the Contracts or wishing to
2		participate in the bidding process. The EIL also encouraged interested parties to consider
3		bidding on any or all of the PPA Entitlements. The broad distribution of the EIL Package
4		and the direct marketing efforts undertaken by CEA were intended to maximize the
5		likelihood of participation by the largest and most competitive group of qualified bidders.
6	Q.	Were prospective bidders required to execute any documents to be admitted into the
7		auction process?
8	A.	Yes. Bidders were required to execute a Confidentiality Agreement as a condition of
9		receiving any further information regarding the PPA Entitlements. As discussed below,
10		bidders were also required to submit a completed Qualifications Package in order to be
11		considered "Qualified Bidders."
12	Q.	How many responses did NSTAR Electric receive in response to the Early Interest
13		Package?
14	A.	Over the period beginning October 1, 2003 and ending November 15, 2003, CEA and
15		NSTAR Electric received responses from and negotiated Confidentiality Agreements
16		with 25 interested parties. The Company subsequently received complete qualifications
17		packages from the 25 parties that signed Confidentiality Agreements.
18	Q.	Why was the Confidentiality Agreement important to the auction process?
19	A.	For any competitive bidding process to be effective, all parties must be confident that the
20		process is fair to all participants and that it will produce a conclusive result. To that end,
21		all bidders must have equal access to relevant information regarding the subject assets.

The Confidentiality Agreement provided a means by which NSTAR Electric was able to provide such information to bidders without otherwise adversely affecting either NSTAR Electric or the prospective counterparties. Among other provisions, the Confidentiality Agreement provided that bidders were precluded from disclosing the information obtained in the auction process to any other party, and from using the information for any purpose other than evaluating the PPA Entitlements. As noted above, the execution of the Confidentiality Agreement was a prerequisite for participation in the auction process.

#### 8 Q. Has NSTAR Electric disclosed the names of the bidders?

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9 A. No. With the exception of the announcement of the winning bidders for individual contracts, the bidders' names have continued to be, and will continue to be, treated as confidential.

### 12 Q. How did NSTAR Electric evaluate the interested parties' qualifications?

- The Qualifications Package was designed to provide NSTAR Electric and CEA specific financial, legal and operating information regarding the bidder or bidding group, as the case may be. The intent of the RFQ and the qualification process was to ensure that all bidders selected for participation in the process had the operating and financial wherewithal required to assume and administer the PPA Entitlements in the event an Entitlement Transfer Agreement was required. The RFQ sought the following information:
  - An identification of the bidder, including any advisors, anticipated partners, and any known source of funds;

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- An identification of the assets that the bidder owns, operates or controls within
   NEPOOL for the purpose of assessing potential market power issues;
  - A description of the company's financial qualifications;
  - A summary of any conflicts of interest between the bidder and NSTAR Electric; and
- A summary of the internal and external approvals necessary to close the transaction.
- The Company evaluated the qualifications packages on a rolling basis such that each
- bidder's qualifications were reviewed at the time they were received.

# 8 Q. Is the qualification process important?

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A. Yes, it is especially important in the case of a third-party transaction under which an Entitlement Transfer Agreement ("ETA") would be the governing transaction document, and the ETA counterparty would have a series of continuing obligations.<sup>2</sup> As set forth in the ETA, bankruptcy by either party (or its guarantor) represents an event of default, a remedy of which would be the early termination of the agreement. Given the time and resources needed to develop, implement and close a PPA auction process, NSTAR Electric prudently chose to establish a qualification process to avoid such costs.<sup>3</sup>

An ETA establishes a contractual arrangement in which a party that is unaffiliated with the generating facility agrees to accept deliveries of electricity in accordance with the terms of existing PPAs. As discussed later in my testimony, the qualifications process is less critical in the case of a termination agreement with a current Contract counterparty.

This concern is not academic. In D.P.U./D.T.E 97-94, the Department approved the transfer of certain PPAs from New England Power Company to USGen New England, Inc. On July 8, 2003, USGen New England, along with several of its affiliate companies, filed for Chapter 11 bankruptcy protection.

# 1 Q. Please describe the Due Diligence Stage of the Competitive Bidding Process.

A. The Due Diligence Stage began on October 17, 2003 when the Offering Memorandum ("OM") and the ETA were sent to 25 parties that executed the Confidentiality Agreements. (Three bidders voluntarily withdrew from the process after receiving the OM.) The OM included a detailed description of each Contract, an overview of the bidding process, and the preliminary Terms of Sale.

In addition to receiving the OM, Qualified Bidders also received a documentation CD-ROM that included all of the PPA Entitlement agreements and amendments as well as the associated invoices, and an electronic contract evaluation spreadsheet for each of the PPA Entitlements. It is important to note that the evaluation spreadsheet was provided for the convenience of qualified bidders, and that all bidders were encouraged to perform their own independent evaluation of the Contracts.

As noted earlier, each Qualified Bidder was assigned a dedicated CEA Bidder Representative and was encouraged to conduct due diligence by sending written questions to CEA via e-mail. The Bidder Representatives were the single point of contact for their respective bidders regarding all matters relating to the competitive bidding process. As such, the Bidder Representatives both facilitated the due diligence process for their bidders and, by serving as the single point of contact, ensured that confidentiality was maintained throughout the auction process.

- 1 Q. How was the Q&A process, including requests for additional documentation
- 2 handled during the due diligence process?
- 3 Throughout the due diligence process, bidders were encouraged to send written questions A. 4 to CEA via a separate e-mail address. CEA received and reviewed the questions and, if 5 necessary, forwarded the questions to the appropriate company personnel. Responses to 6 those questions were provided as quickly as possible. In addition, while bidders 7 generally received answers to their specific questions, from time to time CEA and 8 NSTAR Electric determined that the information requested by one bidder should be made 9 available to all bidders. Such information (e.g., scheduling and timing of bids) generally 10 was intended to clarify issues that likely would apply to all bidders regardless of the 11 Contact or Contracts for which they were bidding.
- 12 Q. Did bidders receive specific instructions for submitting their bids?
- 13 A. Yes, on November 6, 2003 bid instructions were made available to all bidders. A PPA
- 14 Entitlement Bid Form was also sent to each bidder as an attachment to the bid
- instructions. The Bid Instructions, which set a due date of Friday November 21, 2003 for
- the receipt of Bids, specified the form and content in which Bids were to be submitted. A
- 17 copy of the Bid Instructions, including the Bid Form, is provided as NSTAR-RBH-4.
- 18 According to those instructions, Bids were to include the following elements:
- 19 1. The Bid Form;
- 20 2. Confirmation of the Bidding Group and Ownership Structure;
- 21 3. Identification of advisors;

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- 1 4. Identification of interest by identifying the PPA Entitlements for which the bid was submitted;
  - 5. Pricing options for each PPA Entitlement for which the bid was submitted;
- 4 6. Identification of any regulatory or other approvals or consents required to close the transactions;
  - 7. Identification of the entity providing credit support and an explanation of how the required financial security would be provided;
    - 8. Any exceptions to the ETA, the document through which the rights and obligations under any non-assignable contracts would be transferred.

Among other things, the Bid Instructions stated that any Bid subject to internal approvals or financing may be rejected, and that the nature and extent of proposed modifications to the ETA would be taken into consideration when evaluating bids. As discussed below, the Bid Instructions were designed to enable NSTAR Electric and CEA to evaluate all bids on a comparable basis.

#### Q. How was the bid form structured?

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The PPA Entitlement Bid Form included two pricing options. Option 1 provided for a lump sum payment from the Bidder to NSTAR Electric or from NSTAR Electric to the Bidder, based on NSTAR Electric paying the indicated monthly support payments for each contract. Bid Option 2 was for PPA Entitlements with energy only pricing (no fixed charges). Under Option 2 Qualified Bidders were asked to indicate the price per megawatt hour they would pay to NSTAR Electric for energy delivered under the

specific PPA Entitlement. The Bid Form also required that each bid cover the remaining term and for the full output associated with any PPA Entitlement. The Bid Form also required Qualified Bidders to specify in their bid package whether each bid was separable from other PPA Entitlement bids. In addition, the Bid Form also noted that any remarking mechanisms required by bidders due to the passage of time were to be based on publicly available indices or data sources.

#### III. FINAL BID REVIEW

8 Q. Please provide an overview of the Bids received by NSTAR Electric.

On December 3, 2003, NSTAR Electric received twelve bids, including two bids for the entire PPA Entitlement portfolio, and one bid for all but the OSP Contracts.<sup>4</sup> None of the portfolio bids conformed to the Bid Instructions in that they were subject to internal approvals, further due diligence, or other such conditions.

#### Q. How did NSTAR Electric evaluate the bids?

14 A. Throughout the months of December through March, negotiations continued with each of
15 the bidders regarding specific aspects of their proposed financial and contractual terms.
16 During this process, NSTAR Electric and CEA jointly and individually evaluated the bids
17 with the objective of identifying those combinations of bids that offered the greatest
18 mitigation of transition costs.

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For the purposes of this discussion, these three bids are referred to as the "portfolio bids".

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Written questions designed to clarify elements of various bids were sent to bidders throughout December and January, and responses were received and evaluated on a rolling basis. Based on CEA's and NSTAR Electric's evaluation of the bids, including the bidder responses to written questions, certain bidders were invited to participate in meetings and/or conference calls with NSTAR Electric. During those meetings and calls, bidders were provided an opportunity to further clarify certain elements of their bids, and to propose potentially value-enhancing refinements. Based on those discussions, various bidders made specific improvements to their bids. That process of ongoing discussions and negotiations regarding the payment stream and transaction structure resulted in an agreement between NSTAR Electric and TransCanada Energy Ltd. ("TransCanada") to assign the OSP Contracts.

# Q. How did CEA develop its valuation of the PPA Entitlements?

A.

Prior to the bid due date, CEA and NSTAR Electric developed an evaluation methodology under which bids would be compared to NSTAR Electric's expected long-term costs under the respective contracts, and relative to the proposed terms of other bidders for the same contracts. To perform that analysis, CEA separately valued each PPA Entitlement to determine the total cost for the energy and capacity over the term of the agreement. Specific pricing and cost assumptions were made for each of the Contracts (the specific assumptions relating to the OSP Contracts are described further below). Global assumptions regarding the market price of energy, capacity, and fuel were obtained from Henwood Energy Service Inc.'s ("Henwood") Northeast Electricity

and Gas Price Outlook for Fall 2003, with updates in March and May, 2004 for years 2004 through 2006 ("Northeast Electric and Gas Price Forecast"). In general, the above-market costs was calculated as the present value of the difference between the expected total cost under the Contract terms and the market value based on the Henwood forecast.

# Q. Please describe in more detail the process used to evaluate the portfolio bids.

After the initial review of the portfolio bids, it was clear that one of the three portfolio bids was substantially nonconforming in its structure and contained pricing provisions that were considerably less attractive than the other portfolio bids. Consequently, our evaluation quickly turned to the remaining portfolio bids and viable combinations of contract-specific bids. Of the remaining two portfolio bids, one (herein referred to as "Bidder A") contained proposed pricing terms that were economically attractive, while the other bid ("Bidder B") contained proposed terms that were slightly above the expected above-market portfolio cost.<sup>5</sup> (Please note that Bidder B specifically excluded the Ocean State Power contracts from its bid. <u>See</u> the Early Interest Letter contained in Exhibit NSTAR-RBH-3 for a summary of the Contracts. <u>See</u> Exhibit NSTAR-RBH-5 for a summary of the initial three portfolio bids.)

# Q. How did you proceed with Bidders A and B?

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A. As with all of the bidders in this process, CEA and NSTAR Electric held a series of meetings and conference calls with Bidders A and B to address issues specific to their

As noted elsewhere in my testimony, these comparative analyses were performed on a present-value basis.

respective bids. In the course of those conversations, Bidder A brought forth a significant number of additional due diligence items, and introduced a series of internal accounting issues that would require several weeks to be resolved. Consequently, while Bidder A's portfolio bid was attractive on its face, it was unclear whether the bid would maintain its economic viability. Our approach to Bidder A, therefore, was to promptly address the additional due diligence needs while the bidder continued to consider its internal accounting issues.

Bidder B's bid, while slightly high relative to the expected out-of-market cost (excluding the OSP contract), did not have the number or scope of contingencies contained in Bidder A's bid. In the case of Bidder B, therefore, CEA and NSTAR Electric worked with the bidder to find ways either to reduce the cost of the portfolio bid, or to identify and remove specific contracts that appeared to have disproportionate effects on the bid price. (Bidder B's bid did not include the OSP contracts and was therefore not included in any of the negotiations for these contracts.) Neither Bidder A nor Bidder B were counterparties to any of the Contracts and in both cases, the governing transaction document would have been the ETA.

# Q. Please describe the remaining nine bidders.

A.

Of the remaining nine bidders, four were existing Contract counterparties and bid only on the Contracts to which they were a counterparty. Three of the four counterparty bids appeared to be economically viable and in aggregate represented a significant portion of the portfolio's total estimated above market cost. Those three bids, therefore, became

strategic priorities. The remaining five bidders (none of whom was a counterparty) bid on a variety of Contract combinations. In three cases, the bidders bid only on the hydroelectric contracts. In one case, the bidder bid on two Contracts and the final bidder bid on only one contract. Three of the five non-portfolio, non-counterparty bids appeared to be economically attractive and also were considered to be strategic priorities. In each case, CEA and NSTAR Electric worked with the bidder of every economically viable bid to enhance the value of their respective bids.

# Q. How did you then proceed with the bid evaluation and negotiations?

A.

Since three of the four counterparty bids were economically attractive, CEA asked Bidders A and B to re-price their bids excluding various combinations of those three contracts. (By receiving bids with and without the contracts, CEA was able to discern the portfolio bidders' valuation of the excluded contracts.) In addition, given that three of the third-party, non-portfolio bids appeared to be economically viable, Bidders A and B provided additional re-pricing scenarios excluding various combinations of those Contracts. Based on that analysis, none of Bidder A or Bidder B's breakout bids exceeded the value of the combined counterparty bids. CEA and NSTAR Electric therefore determined that it was prudent to focus our negotiations on the counterparty bidders. In the end, Bidder A was not able to resolve its accounting and due diligence issues and was dropped from the process; Bidder B was not able to materially improve either its portfolio or breakout bid price and also was dropped from the process.

- Q. Please explain why the TransCanada bid specifically was selected over the two
   portfolio bids.
- 3 As noted earlier, NSTAR Electric's objective was to find that combination of bids that A. 4 was most likely to create the greatest possible reduction in above-market costs associated 5 with the Contracts. In order to make that assessment, the portfolio bidders were asked to 6 disaggregate their bids into the several components that would allow for a side-by-side 7 comparison of bids for individual contracts and the portfolio taken as a whole. As a 8 result of that assessment, CEA and NSTAR Electric determined that the TransCanada bid 9 was the lowest viable bid and, in combination with other contract-specific bids, was 10 therefore most likely to create the greatest reduction in above-market costs.
  - Q. Were other issues taken into consideration in evaluating the TransCanada bid relative to the portfolio bids?

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A. Yes. First, as noted earlier, all of the portfolio bids were subject to further internal approvals and due diligence. Consequently, even if Bidder A's bid which was effectively non-binding, produced reductions in above-market costs equal to those created by the TransCanada bid, there was less certainty regarding the timing and pricing at which that bid might have closed. In addition, the TransCanada Purchase and Sale Agreement calls for the permanent assignment of the contracts as opposed to the transfer of rights and obligations under an ETA (which would have been the principal transaction document for any of the portfolio bids). Since the Purchase and Sale Agreement provides greater certainty as to the eventual economics of the transaction, all else being equal, NSTAR

Electric would prefer the Purchase and Sale agreement structure. Although Bidder A provided a non-binding proposal with slightly lower pricing, as noted earlier, that bidder was never able to present a final, binding proposal. Consequently, in addition to the more favorable structural elements of a Purchase and Sale Agreement relative to an ETA, the TransCanada bid also was the best viable bid in terms of pricing.

# IV. THE ASSIGNMENT OF THE OSP CONTRACTS

# Q. Please summarize the auction results as they relate to the OSP Contracts.

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As discussed earlier in my testimony, from October through December, 2003, NSTAR Electric, through CEA, aggressively marketed the PPAs to a broad group of potential bidders, and provided selected, qualified bidders with substantial information and due diligence support regarding all aspects of the PPA Entitlements. On December 3, 2003, NSTAR Electric received 12 bids for various combinations of the PPA Entitlements, including a bid from TransCanada for the OSP contracts and three bids for the complete portfolio. The three portfolio bids were subject to internal approvals, further due diligence, or other such conditions.

As noted earlier, of the two partially conforming bids, only one included a bid for the OSP contracts. This partially conforming portfolio bid proposed one monthly payment stream for all 24 PPA Entitlements without a breakout of the OSP Contract.

Ongoing discussions and negotiations regarding pricing and ETA terms continued for several weeks. After extensive analysis and review (described later in my testimony), it was determined that the TransCanada bid for the contract permanent assignment

- provided the greatest level of mitigation of the above-market costs associated with the

  OSP Contracts
- 3 Q. Please provide an overview of OSP Facilities and the OSP Contracts.
- 4 The OSP generating facility is located in Burrillville, RI, and is wholly-owned and A. 5 operated by TransCanada OSP Holdings, Ltd., a wholly-owned subsidiary of 6 TransCanada Pipelines Limited. There are two units at the location, OSP 1 and OSP 2. 7 Both are gas-fired, combined-cycle generating facilities. The current capacity ratings of 8 the OSP 1 unit are 270.925 MW in summer and 316.925 MW in winter and the current 9 capacity ratings of the OSP 2 unit are 270.180 MW and 318.180 MW in the summer and 10 winter respectively. The Company has two PPAs (as amended) for the output of the OSP 11 units; one for each unit, both of which are with Boston Edison.
- 12 Q. Please describe the principal provisions of the OSP 1 and OSP 2 agreements.

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- A. The OSP 1 agreement has an initial twenty-year term beginning on December 31, 1990 and ending on December 31, 2010. Under the agreement, Boston Edison is obligated to purchase 23.5 percent of the summer and winter energy and capacity, or 63.7 MW and 74.5 MW of summer and winter capacity, respectively. The OSP 1 agreement is a cost of service based contract for delivered energy and capacity and contains other provisions, including assignment rights, right to expansion capacity, security provisions, emission credits, and a most favored nation clause.
- The OSP 2 agreement, also with Boston Edison, terminates on September 30, 2011. As with the OSP 1 agreement, the OSP 2 agreement is a cost of service based

1 contract for delivered energy and capacity. Under this contract, Boston Edison is 2 obligated to purchase 23.5 percent of the summer and winter energy and capacity, or 63.5 3 MW and 74.8 MW of summer and winter capacity, respectively. The OSP 2 agreement also contains certain other provisions, including assignment rights, right to expansion 4 5 capacity, security provisions, emission credits, and a most-favored-nation clause. 6 Q. Please describe the principal terms of the proposed OSP Purchase and Sale Agreement. 7 On June 23, 2004, the Company and TransCanada executed a Purchase and Sale 8 9 Agreement for the two OSP contracts. As noted more fully by Mr. Lubbock, the OSP 10 transaction is an assignment of the existing OSP contracts whereby Boston Edison will 11 make a series of payments to TransCanada for taking assignment of the OSP contracts. 12 The Purchase and Sale Agreement includes an assumed closing date of April 1, 2004. 13 Q. What were the key assumptions relating to the valuation of the OSP Contracts? 14 As noted earlier in my testimony, the pricing provisions under the OSP Contracts include A. energy and capacity payments on a cost-of-service basis. The primary variables included 15 16 in the contract evaluations are: (1) the variable cost for fuel supply and transportation; 17 (2) the demand and investment costs; and (3) the market price of energy and capacity. To 18 ensure internal consistency, the fuel, energy, and capacity price projections were obtained 19 from the same source, i.e., the Henwood forecast. Finally, CEA used a discount rate of 20 7.82 percent for this and all contract and bid evaluations.

# Q. Has OSP's generation output been declining?

A. Yes, OSP's generation output has been declining for three main reasons: (1) with the addition of almost 10,000 MW of new more efficient combined cycle generating units to the New England market in recent years, the OSP units are subject to increasing competition, which is causing the units to dispatch less; (2) with natural gas prices high by historical standards, alternative fuels such as residual oil are more competitive and as such, OSP dispatches less; and (3) since OSP is operated pursuant to cost of service contracts (with all costs and revenues going to the entitlement holders for the units), OSP has the ability to sell either power or natural gas, as economics dictate. As gas prices rise proportionally higher than competing fuels, therefore, it becomes economically more attractive to sell gas and not generate power. This further reduces the amount of power generated from the units. Although the sale of gas enhances project economics, the declining output due to increased competition serves to make the units less attractive as a source of power supply for the Company.

# Q. Does the Purchase and Sale Agreement contain provisions that financially settle the assignment back to April 1, 2004.

A. Yes. TransCanada's winning bid to acquire the OSP Contract entitlements originally was based on an April 1, 2004 transaction date. In negotiations with TransCanada to move the commencement date to the Fall of 2004, the payments that TransCanada indicated that it would be willing to accept for a later closing date resulted in lower customer savings than the savings calculated for the winning bid. Therefore, NSTAR Electric

developed the financial true-up mechanism as a means of preserving the value contained in the winning bid.

# Q. Please explain how the settlement mechanism works.

A.

As set forth in Exhibit B (True-Up Period) of the Entitlement Payment Agreement (which is Exhibit C of the Purchase and Sale Agreement), there are two settlement periods under the proposed transaction. The first settlement period, referred to as the "Prior Period", provides for a financial arrangement under which upon closing, the period April 1, 2004 through June 30, 2004 will be financially trued up as follows: Boston Edison will pay TransCanada the sum of (i) the monthly support payments during the period and (ii) the day ahead locational marginal price for all energy received under the OSP Contracts during the period, and TransCanada will pay Boston Edison all actual charges previously paid by Boston Edison to OSP under the Contracts during the period.

The second settlement period, the "Interim Period", began on July 1, 2004 and extends until the closing of the transaction. The Interim Period payment structure is similar to the Prior Period structure, except that the unit output has been temporarily assigned to TransCanada effective July 1, 2004 and as such is no longer being received by Boston Edison. Accordingly, during the Interim Period, Boston Edison does not purchase electricity from OSP. When the Interim Period is financially settled at closing, Boston Edison will be required to pay TransCanada the support payments less the full charges previously paid by Boston Edison to OSP.

1	Q.	Why were the OSP Contract entitlements transferred to TransCanada on July 1,
2		2004?
3	A.	A condition to TransCanada's acceptance of the financial true up to April 1, 2004 was
4		that NSTAR Electric assign the OSP and OSP 2 entitlements to TransCanada effective on
5		the first day of the month following execution of the Purchase and Sale Agreement. This
6		is important to TransCanada so that it can begin to receive the merchant value of the
7		facility that was assumed in its offer to NSTAR Electric during the summer period.
8	Q.	If the Department does not approve this transaction, are there any unwind
9		calculations associated with the Prior Period or Interim Period?
10	A.	In accordance with Exhibit D of the Purchase and Sale Agreement, if the Department
11		does not approve this transaction and the Purchase and Sale Agreement is terminated,
12		none of the financial settlements for the Interim Period will take place, and TransCanada
13		will financially reverse the effects of the temporary assignment by paying Boston Edison
14		the day-ahead locational marginal price for all energy that it receives under the OSP
15		contracts during the Interim Period. There are no unwind calculations necessary for the
16		Prior Period because the financial settlement is made only if the transaction is approved
17		by the Department and the permanent assignment proceeds.
18	Q.	Given the assumptions described above, do you believe that there is a strong
19		likelihood that the transaction will maximize the mitigation of transition costs?
20	A.	Yes, I do. First, as discussed earlier, the TransCanada bid is the result of an extensive
21		and carefully implemented auction process in which bidders were given substantial

amounts of data to analyze the contracts, and were provided many opportunities to revise and enhance their bids. As noted in Exhibit NSTAR-RBH-5, TransCanada's bid was materially better than any other bid for the OSP Contracts (none of which was finalized), and on a present-value basis is over 6 percent below the expected out-of-market cost of the contract. Exhibit NSTAR-RBH-6 computes the Net Present Value of the reduction in above-market costs of the Purchase and Sale Agreement by comparing the costs that will be incurred under the Purchase and Sale Agreement to the above-market costs that would be incurred under the existing OSP Contracts.

# Q. What is your assessment of the proposed transaction's value?

A.

For the reasons noted above, it is my conclusion that the proposed transaction is likely to result in over 6 percent reduction in above-market costs for the OSP Contracts and that this reduction exists under a variety of market scenarios. In that regard, CEA performed a series of analyses under different power and fuel price scenarios and found that the proposed transaction continued to result in a reduction of the above-market costs of these contracts.

In summary, NSTAR Electric ran a very competitive and unbiased auction process. NSTAR Electric announced its process to a broad market and aggressively marketed the PPA Entitlements for a substantial period. A high level of competition was maintained throughout the auction process and as a result, NSTAR Electric received a series of strong, viable bids. I believe that the reduction in above-market costs in this

transaction is a direct result of the competitive auction process that NSTAR Electric established and implemented.

# V. CONCLUSIONS

- 4 Q. Did NSTAR Electric achieve the goals it established for this transaction?
- 5 A. Yes. As discussed earlier in my testimony, NSTAR Electric established several objectives for this auction process, including:
- Minimizing the above-market costs associated with the PPA Entitlements;
- Developing, implementing and maintaining the most competitive auction process
   possible;
- Ensuring fair treatment of all bidders;
- Ensuring that the auction process was timely, efficient, and unbiased.
  - I believe that NSTAR Electric achieved all its objectives by conducting a competitive auction that ensured the complete, uninhibited, non-discriminatory access to all data and information by all interested and qualified parties seeking to participate. Through this competitive process, NSTAR Electric has maximized the value of the PPAs and in so doing, has mitigated the above-market costs associated with the contracts for the benefit of its customers. By all of those standards, the auction process and results have been successful.
- 19 **Q.** Does this conclude your testimony?
- 20 A. Yes, it does.

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## Robert B. Hevert, CFA

Concentric Energy Advisors, Inc. 313 Boston Post Road West, Suite 210 Marlborough, MA 01752

Mr. Hevert is an economic and financial consultant with broad experience in the energy industry. He has an extensive background in the areas of corporate strategic planning, energy market assessment, corporate finance, mergers, and acquisitions, asset-based transactions, asset and business unit valuation, market entry strategies, strategic alliances, project development, feasibility and due diligence analyses. Mr. Hevert has significant management experience with both operating and professional services companies.

# REPRESENTATIVE PROJECT EXPERIENCE

#### Financial and Economic Advisory Services

Retained by numerous leading energy companies and financial institutions throughout North America to provide services relating to the strategic evaluation, acquisition, sale or development of a variety of regulated and non-regulated enterprises.

Specific services have included: developing strategic and financial analyses and managing multi-faceted due diligence reviews of proposed corporate M&A counter-parties; developing, screening and recommending potential M&A transactions and facilitating discussions between senior utility executives regarding transaction strategy and structure; performing valuation analyses and financial due diligence reviews of electric generation projects, retail marketing companies, and wholesale trading entities in support of significant M&A transactions.

Specific divestiture-related services have included advising both buy and sell-side clients in transactions for physical and contractual electric generation resources. Sell-side services have included: development and implementation of key aspects of asset divestiture programs such as marketing, offering memorandum development, development of transaction terms and conditions, bid process management, bid evaluation, negations, and regulatory approval process. Buy-side services have included comprehensive asset screening, selection, valuation and due diligence reviews. Both buy and sell-side services have included the use of sophisticated asset valuation techniques, and the development and delivery of fairness opinions.

Specific corporate finance experience while a Vice President with Bay State Gas included: negotiation, placement and closing of both private and public long-term debt, preferred and common equity; structured and project financing; corporate cash management; financial analysis, planning and forecasting; and various aspects of investor relations.

Representative non-confidential clients have included:

- Conectiv generation asset divestiture
- Eastern Utilities Associates (prior to acquisition by National Grid, PLC) generation asset divestiture
- Niagara Mohawk sale of Niagara Mohawk Energy
- Potomac Electric Company generation asset divestiture

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Representative confidential engagements have included:

- Buy-side valuation and assessment of merchant generation assets in Midwestern US
- Buy-side due diligence and valuation of wholesale energy marketing companies in Eastern and Midwestern US
- Buy-side due diligence of natural gas distribution assets in Northeastern US
- Financial feasibility study of natural gas pipeline in upper Midwestern US
- Financial valuation of natural gas pipeline in Southwestern US

# Regulatory Analysis and Ratemaking

On behalf of electric, natural gas and combination utilities throughout North America, provided services relating to energy industry restructuring including merchant function exit, residual energy supply obligations, and stranded cost assessment and recovery. Also performed rate of return and cost of service analyses for municipally owned gas and electric utilities. Specific services provided include: performing strategic review and development of merchant function exit strategies including analysis of provider of last resort obligations in both electric and gas markets; and developing value optimizing strategies for physical generation assets.

Representative engagements have included:

- Performing rate of return analyses for use in cost of service analyses on behalf of municipally owned gas and electric utilities in the Southeastern and Midwestern US
- Developing merchant function exit strategies for Northeastern US natural gas distribution companies
- Developing regulatory and ratemaking strategy for mergers including several Northeastern natural gas distribution companies

#### Litigation Support and Expert Testimony

Provided expert testimony and support of litigation in various regulatory proceedings on a variety of energy and economic issues including the proposed transfer of power purchase agreements, procurement of residual service electric supply, the legal separation of generation assets, and specific financing transactions. Services provided also included collaborating with counsel, business and technical staff to develop litigation strategies, preparing and reviewing discovery and briefing materials, preparing presentation materials and participating in technical sessions with regulators and intervenors.

#### **Energy Market Assessment**

Retained by numerous leading energy companies and financial institutions nationwide to manage or provide assessments of regional energy markets throughout the US and Canada. Such assessments have included development of electric and natural gas price forecasts, analysis of generation project entry and exit scenarios, assessment of natural gas and electric transmission infrastructure, market structure and regulatory situation analysis, and assessment of competitive position. Market assessment engagements typically have been used as integral elements of business unit or asset-specific strategic plans or valuation analyses.

Representative engagements have included:

- Managing assessments of the NYPOOL, NEPOOL and PJM markets for major North American energy companies considering entering or expanding their presence in those markets
- Assessment of ECAR, MAPP, MAIN and SPP markets for a large US integrated utility considering acquisition of additional electric generation assets
- Assessment of natural gas pipeline and storage capacity in the SERC and FRCC markets for a major international energy company

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#### Resource Procurement, Contracting and Analysis

Assisted various clients in evaluating alternatives for acquiring fuel and power supplies, including the development and negotiation of energy contracts and tolling agreements. Assignments also have included developing generation resource optimization strategies. Provided advice and analyses of transition service power supply contracts in the context of both physical and contractual generation resource divestiture transactions.

# **Business Strategy and Operations**

Retained by numerous leading North American energy companies and financial institutions nationwide to provide services relating to the development of strategic plans and planning processes for both regulated and non-regulated enterprises. Specific services provided include: developing and implementing electric generation strategies and business process redesign initiatives; developing market entry strategies for retail and wholesale businesses including assessment of asset-based marketing and trading strategies; and facilitating executive level strategic planning retreats. As Vice President, Energy Ventures, of Bay State was responsible for the company's strategic planning and business development processes, played an integral role in developing the company's non-regulated marketing affiliate, EnergyUSA, and managed the company's non-regulated investments, partnerships and strategic alliances.

Representative engagements have included:

- Developing and facilitating executive level strategic planning retreats for Northeastern natural gas distribution companies
- Developing organization and business process redesign plans for municipally owned gas/electric/water utility in the Southeastern US
- Reviewing and revising corporate merchant generation business plans for Canadian and US integrated utilities
- Advising client personnel in development of business unit level strategic plans for various natural gas distribution companies

#### **PROFESSIONAL HISTORY**

Concentric Energy Advisors, Inc. (2002 - Present)

President

Navigant Consulting, Inc. (1997 - 2001)

Managing Director (2000 – 2001)

Director (1998 - 2000)

Vice President, REED Consulting Group (1997 – 1998)

**REED Consulting Group (1997)** 

Vice President

Bay State Gas Company (1987 - 1997)

Vice President, Energy Ventures and Assistant Treasurer

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# Boston College (1986 - 1987)

Financial Analyst

# General Telephone Company of the South (1984 - 1986)

Revenue Requirements Analyst

#### **EDUCATION**

M.B.A., University of Massachusetts, Amherst, 1984 B.S., University of Delaware, 1982

# **DESIGNATIONS AND PROFESSIONAL AFFILIATIONS**

Chartered Financial Analyst, 1991 Association for Investment Management and Research Boston Security Analyst Society

# **PUBLICATIONS/PRESENTATIONS**

Has made numerous presentations throughout the United States and Canada on several topics including:

- Generation Asset Valuation and the Use of Real Options
- Retail and Wholesale Market Entry Strategies
- The Use Strategic Alliances in Restructured Energy Markets
- Gas Supply and Pipeline Infrastructure in the Northeast Energy Markets
- Nuclear Asset Valuation and the Divestiture Process

# **AVAILABLE UPON REQUEST**

Extensive client and project listings, and specific references.

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Date	Event
July through October	Preliminary Marketing
October 1 – On-going	Finalize Confidentiality Agreements and qualify Bidders
Mid October	Confidential Offering Materials (Offering Memoranda, Draft ETA and Due Diligence Documentation) issued to Bidders
Oct. 17 – Nov. 21, 2003	Detailed due diligence, including meetings/conference calls with management and technical personnel, and confidential Q&A
November 6, 2003	Bid Instructions issued
December 3, 2003	Final Bids Received
Early December – On-going	Bid evaluation
Spring 2004	Agreement(s) executed, winner(s) announced, regulatory process commenced

October 1, 2003

[Contact]
[Title]
[Company Name]
[Address]
[Address]

#### Re: NSTAR PPA Entitlement Auction

#### Dear [Contact]:

On behalf of NSTAR Electric & Gas Corporation ("NSTAR" or the "Company"), the parent company of Boston Edison Company, Cambridge Electric Light Company, and Commonwealth Electric Company (collectively, the "NSTAR Companies"), we are writing to inform you of the Company's intention to sell or otherwise transfer its rights to 24 Power Purchase Agreements ("PPA Entitlements") totaling approximately 1,100 MW of capacity and associated energy through a competitive bidding process. NSTAR has retained Concentric Energy Advisors, Inc. ("CEA") to act as its advisor in the transaction. With this letter, we invite your company to participate in the competitive bidding process for all or any combination of the NSTAR Companies' PPA Entitlements.

#### Overview of the PPA Entitlements

The 24 PPAs represent a portfolio of entitlements in generation facilities that have a broad range of fuel types and operational characteristics, and have a variety of contract terms and pricing provisions. An overview of the PPAs is provided in Table 1.1 on the page which follows. As shown in Figure 1.1 below, the PPA Entitlements are strategically located throughout New England, presenting opportunities for sales within the integrated New England Power Pool ("NEPOOL") and into neighboring markets.

New Hampshire

Boot Hydro

Vermont Yankee

Massachusetts

Altresco

Ploneer Hydro

Chicopee Hydro

Chicopee Hydro

Hydro

Collins

Hydro

Masspower

Northeast Energy ★ Expansion

Cocan State
Power

Connecticut

Rhode Island

Dartmouth
Power

Figure 1.1

Table 1.1: Overview of the NSTAR Companies' PPA Entitlements

	Entitlemen	nt (MW)				
Unit & Contracting	Summer	Winter	Location	Expir	Fuel	Technology
Entity				ation		
Altresco-Pittsfield - CA	24.3	29.8	Pittsfield, MA	2011	Gas	CC Cogen
Altresco-Pittsfield - CO	24.3	29.8	Pittsfield, MA	2011	Gas	CC Cogen
Boott Hydro - CO	20.0	20.0	Lowell, MA	2023	Water	Hydro
Chicopee Hydro - CO	2.2	2.2	Chicopee, MA	2015	Water	Hydro
Collins Hydro - CO	1.3	1.3	N. Wilbraham, MA	2014	Water	Hydro
Dartmouth Power - CO	61.8	67.9	Dartmouth, MA	2017	Gas	CC
Masspower - BE	100.0	117.0	Indian Orchard, MA	2013	Gas	CC Cogen
Masspower 1 a - CO	25.7	30.0	See above	2008	Gas	CC Cogen
Masspower 2 - CO	25.7	30.0	See above	2023	Gas	CC Cogen
MBTA 1 - BE	25.0	33.4	South Boston, MA	2005	Jet Fuel	CT
MBTA 2 - BE	25.0	34.7	See above	2019	Jet Fuel	CT
NEA A - BE	123.5	153.0	Bellingham, MA	2016	Gas	CC Cogen
NEA B - BE	68.0	92.0	See above	2011	Gas	CC Cogen
NEA 1 - CO	22.9	28.3	See above	2016	Gas	CC Cogen
NEA 2 - CO	19.2	23.8	See above	2016	Gas	CC Cogen
Ocean State 1 - BE	63.7	74.5	Burrillville, RI	2010	Gas	CC Cogen
Ocean State 2 - BE	62.0	72.9	See above	2011	Gas	CC Cogen
Pilgrim - BE	230.8	230.8	See above	2004	Nuclear	Nuclear
Pilgrim Municipals - BE	24.4	24.4	Plymouth, MA	2004	Nuclear	Nuclear
Pilgrim - CO	36.0	36.0	See above	2004	Nuclear	Nuclear
Pioneer Hydro - CO	1.3	1.3	See above	2014	Water	Hydro
SEMASS - CO	46.2	50.7	Rochester, MA	2015	Refuse	Steam Boiler
SEMASS Expansion - CO	20.9	24.3	See above	2015	Refuse	Steam Boiler
Vermont Yankee - CA	12.7	13.2	Vernon, VT	2012	Nuclear	Nuclear
Total MW	1,066.7	1,221.1				

CA = Cambridge Electric Light Company

CO = Commonwealth Electric Company

BE = Boston Edison Company

CC = Combined Cycle

CT = Combustion Turbine

NSTAR will consider bids for all PPAs, any individual PPA, or any combination of PPAs. The NSTAR Companies anticipate transferring the PPAs to the winning bidder(s) through an Entitlement Transfer Agreement ("ETA"), under which all rights and obligations under the PPAs will be transferred to the winning bidder(s) for the remaining term of the PPAs.

## Overview of Competitive Bidding Process and Schedule

NSTAR intends to conduct a single-stage bidding process, which will provide all bidders the opportunity to perform detailed due diligence and will culminate with the submission of bids in mid-November. An overview of the major milestones in the competitive bidding process is provided in Table 1.2 below. Please note that the competitive bidding process and schedule described herein represent the Company's best current estimate and are subject to change. Bidders will be notified promptly of any changes to the bidding process or schedule.

Table 1.2 Bidding Process Milestones

Date	Event
October 1 – On-going	Finalize Confidentiality Agreements and qualify Bidders
Early October	Confidential Offering Materials (Offering Memoranda, Draft ETA and Due Diligence Documentation) issued to qualified bidders
Oct. 6 – Nov. 7, 2003	Detailed due diligence, including meetings/conference calls with management and technical personnel, and confidential Q&A
October 24, 2003	Bid Instructions issued
November 14, 2003	Bids due
December 3, 2003	Bid evaluation, short list notified and negotiations
December 31, 2003	Agreement(s) executed, winner(s) announced, regulatory process commenced

Parties who are interested in bidding on any of the PPA entitlements must submit to CEA a Statement of Qualifications as well as an executed Confidentiality Agreement, each of which are enclosed with this letter. Submissions should be made as quickly as possible to:

Robert B. Hevert
Concentric Energy Advisors, Inc.
313 Boston Post Road West, Suite 210
Marlborough, MA 01752
(508)263-6204 phone
(508) 303-3290 fax
bhevert@ceadvisors.com

Upon the submission of an executed Confidentiality Agreement, bidders will be issued the Company's confidential PPA Entitlement Offering Materials, including the Offering Memorandum, draft ETA, Due Diligence Documentation (e.g., copies of contracts and invoices), and spreadsheet models of each PPA. Qualified bidders will be provided the opportunity to perform detailed due diligence, including meetings with Company representatives.

The NSTAR Companies expressly reserve the right, in their sole and absolute discretion, to negotiate with one or more parties at any time and to enter into a definitive agreement for a transaction involving all or any portion of the PPAs without prior notice to bidders. The NSTAR Companies, and CEA on their behalf, also reserve the right at any time, to modify any of the rules or procedures set forth herein or any other procedure, without prior notice and without assigning any reason, or to terminate the process contemplated by this letter.

All requests for further information regarding the PPAs should be made to CEA. Employees of the NSTAR Companies or their affiliates or subsidiaries should not be contacted regarding this transaction.

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Thank you for your consideration. We look forward to working with you on this exciting opportunity.

Sincerely,

CONCENTRIC ENERGY ADVISORS, INC.

4 Blood

President

Enclosures:

Confidentiality Agreement Request for Qualifications

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#### CONFIDENTIALITY AGREEMENT

This AGREEMENT is entered into as of the _	day of, 2003 by and between Boston Edison	
Company, Commonwealth Electric Company a	and Cambridge Electric Light Company, each being a	
Massachusetts corporation with a principal place	ace of business at 800 Boylston Street, Boston, Massachus	setts
("NSTAR Companies"), and	, a w	ith a
	("Counterparty"). NST	'AR
Companies and Counterparty are collectively r	referred to as "the Parties", and also individually as the "F	arty".
herein.		
Preamble		
The Parties desire to engage process to value of possible sale of those PPAs ("Possible Sale") b	certain power purchase agreements ("PPAs") in considering by NSTAR Companies to Counterparty.	ng the

In the course of this process the parties intend to exchange confidential and proprietary information, as

Agreement

hereinafter described.

In consideration of the covenants set forth herein, the Parties agree as follows:

#### 1. EXCHANGE OF CONFIDENTIAL INFORMATION

1.1 The Parties agree to exchange confidential and/or proprietary information that may include business plans, financial data, load data, supply and resource data, contractual terms, pricing, proposals and other market-sensitive information, all of the foregoing being referred to herein as "Confidential Information." The Confidential Information may be conveyed in the course of the discussions between the parties, or in hard copy and/or electronic form. A Party providing Confidential Information under this Agreement is referred to herein as the "Disclosing Party," and the party receiving Confidential Information is referred to as "the Recipient."

### 2. RELIANCE ON INFORMATION

2.1 The parties acknowledge that neither NSTAR Companies nor their representatives nor any of the respective officers, partners, directors, employees, agents or controlling persons of NSTAR Companies or such representatives makes any express or implied representation or warranty as to the accuracy or completeness of any Confidential Information, and Counterparty agrees that none of such persons shall have any liability to Counterparty or its representatives or to any other person relating to or arising from Counterparty's use of any Confidential Information or for any errors therein or omissions there from. Counterparty agrees that it is not entitled to rely on the accuracy or completeness of any Confidential Information and that it shall be entitled to rely solely on such representations and warranties regarding Confidential Information as may be made in any final acquisition agreement relating to the Possible Sale, subject to the terms and conditions of such agreement.

#### 3. PROTECTION OF INFORMATION

- 3.1 The Recipient acknowledges the proprietary rights of the Disclosing Party in and to the Confidential Information. The Parties further acknowledge and agree that no license or other proprietary interest in the Confidential Information is granted or transferred to Recipient hereby, or by the receipt of such Information by Recipient. The Recipient also acknowledges and agrees that the Confidential Information is furnished to it on a confidential basis, for the sole and exclusive use of the Recipient in connection with the aforementioned discussions, and the Recipient agrees that it will not use the Confidential Information for any other purpose nor publish, disclose or otherwise divulge the Confidential Information to any person, entity, or firm without the prior written consent of the Disclosing Party, except as provided herein. The Recipient shall permit access to the Information only to those of its and affiliates' own employees, officers, directors and consultants who have a need to know for purposes of the referenced discussions.
- 3.2 The copies made of said Confidential Information must be returned or destroyed upon the request of Disclosing Party. The Recipient shall upon request confirm in writing by affidavit that it has returned the Confidential Information or that all copies of the Information have been destroyed.
- 3.3 If the Recipient is requested by a governmental or judicial body to release to such body any Confidential Information, the Recipient shall notify the Disclosing Party of such request as soon as practicable to allow the Disclosing Party to seek an appropriate protective order. Absent a protective order, if required by order of a governmental or judicial body, the Recipient may, subject to protest and appeal by either party, release to such body the Confidential Information required by such order, provided that the Recipient shall use its best efforts to cause that body to treat such Confidential Information in a confidential manner, and prevent such information from becoming a part of the public domain.
- 3.4 Except as otherwise provided herein, in performing its obligations under this Article 2, the Recipient shall employ at its own cost procedures no less restrictive than the strictest procedures used by the Recipient to protect its own confidential information to prevent unauthorized disclosure or use of Confidential Information provided hereunder.
- 3.5 The Recipient agrees that remedies at law may be inadequate to protect Disclosing Party in the event of a breach of this Agreement, and the Recipient hereby in advance agrees to the granting of injunctive relief in favor of the Disclosing Party, to prevent the continuation of any such breach without proof of actual damages.
- 3.6 This Article 3 shall survive termination of this Agreement.

#### 4. LIMITATIONS ON OBJECTIONS

4.1 The parties acknowledge the collective benefit to all persons participating in the Possible Sale process of finality in the process and of NSTAR Companies providing Counterparty with access to the Confidential Information pursuant to this letter agreement, the sufficiency of which consideration is hereby acknowledged, Counterparty further agrees (i) not to object in any regulatory proceedings seeking authorization relating to any sale of a power purchase agreement by NSTAR Companies and (ii) not to seek from any regulatory agency or any court any order, judgment or decree that Counterparty's bid was the "highest" or "best" bid, that Counterparty should have been chosen as the successful bidder in the process, that NSTAR Companies erred in their evaluation of the price, terms or conditions of Counterparty's bid or any bid of any other participant in the process as compared to

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the chosen successful bidder's bid (if there be one), or that NSTAR Companies otherwise exercised in their discretion in connection with this process in an inappropriate manner.

#### 5. GENERAL CONDITIONS

- 5.1 The term of this Agreement shall commence as of the date hereof and shall continue for a period of three (3) years thereafter, and may be extended from month to month by written agreement.
- No waiver, consent, or modification of any of the provisions of this Agreement shall be binding unless in writing and signed by duly authorized representatives of both of the parties hereto, and no waiver by any party of any default of the other shall be deemed to be a waiver by such party of any other default.
- 5.3 If any court shall deem any provision of this Agreement unenforceable by reason of the extent or duration of the covenants contained herein or for any other reason, then the parties agree that the court shall reduce or modify as appropriate the provision hereof that is unenforceable so as to render such provision (and/or the remaining provisions of this Agreement) enforceable, and that this Agreement as so modified shall otherwise remain in full force and effect in accordance with its terms.
- 5.4 Confidential Information is provided hereunder without warranty or representation by the Disclosing Party as to the accuracy or completeness thereof.
- 5.5 Except to the extent set forth in this Confidentiality Agreement, Counterparty agrees that until a final acquisition agreement regarding the Possible Sale has been executed by the Parties, neither the nor its representatives are under any legal obligation and shall have no liability to Counterparty of any nature whatsoever with respect to the Possible Sale by virtue of this agreement or otherwise.
- This Agreement represents the entire Agreement between the parties with respect to the subject matter set forth herein, may only be amended by a writing signed by the parties, shall inure to and be binding upon the parties and their respective successors and assigns.
- 5.7 This Agreement and the rights and obligations of the parties hereunder shall in all respects be governed by and construed and enforced in accordance with the law of the Commonwealth of Massachusetts.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed as of the date first above-stated.

BOSTON EDISON COMPANY COMMONWEALTH ELECTRIC COMPANY	
CAMBRIDGE ELECTRIC LIGHT COMPANY	
By:	By:
Title:	Title:

# NSTAR PPA AUCTION REQUEST FOR QUALIFICATIONS

Parties that intend to submit Bids for the 24 Power Purchase Agreements ("PPA Entitlements") totaling approximately 1,100 MW of capacity and associated energy must provide a complete Qualifications Package. Upon receipt and approval of the Qualifications Package, the interested party will become a "Qualified Bidder" as described in the Confidential Offering Memorandum. Qualifications Packages must be received no later than October 31, 2003 and should be organized as described below:

- 1. Identification of Parties: Each prospective Bidder must identify the entities that will submit their Bid. This information must include:
  - a. The name and role of each entity included in the bidding group;
  - b. Primary and secondary contact information for individuals responsible for submitting Bids;
  - c. Name and contact details for any advisors retained in connection with the bidding process;
  - d. Any and all anticipated partners; and
  - e. If known, the source of funds and a general description of the anticipated transaction financing.

#### 2. Identification of Assets:

- a. For the purpose of assessing potential market power issues, each prospective Bidder must identify generating assets, both physical and contractual, that it owns, operates or controls within NEPOOL.
- 3. Financial Qualifications: NSTAR will qualify prospective Bidders based in part on their demonstrated ability to finance the proposed transaction. NSTAR will not accept Bids that contain financing contingencies. For the purposes of establishing financial capability, prospective Bidders must, to the extent available, for each bidding group, submit all reports filed with the Securities and Exchange Commission pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934, as amended, and the rules promulgated thereunder for the most recent two (2) fiscal years. If the prospective Bidder is not required to file the reports noted above, audited or certified financial statements for the same periods must be provided.

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NSTAR PPA AUCTION REQUEST FOR QUALIFICATIONS

4. Conflicts of Interest: Each prospective Bidder must briefly describe any known material conflicts of

interest between itself or any member of its bidding group and NSTAR including, but not limited to:

a. Any litigation involving the prospective Bidder or any member of the bidding group and any

of the NSTAR Companies;

b. Any claims asserted by the prospective Bidder or any member of the bidding group against

any of the NSTAR Companies; and

c. Any indebtedness of the prospective Bidder or any member of the bidding group to any of

the NSTAR Companies as a borrower, guarantor or otherwise.

5. Necessary Approvals: Prospective Bidders should indicate all internal and external approvals

required to close the transaction. Bids subject to further internal approvals will not be accepted.

Prospective Bidders must provide the information requested herein to NSTAR through its advisors,

Concentric Energy Advisors ("CEA"), at the addresses shown below no later than Friday, October 31, 2003.

NSTAR and CEA will review the Qualifications Package upon receipt. Prospective Bidders must be qualified by

NSTAR in order to submit Bids.

Please send two copies of the Qualifications Package to the address shown below:

Robert Hevert President

Concentric Energy Advisors

313 Boston Post Road West, Suite 210

Marlborough, MA 01752 Phone: (508) 263-6204

Fax: (508) 303-3290

Email: bhevert@ceadvisors.com

Please direct any questions regarding this or any other aspect of this transaction to Robert Hevert at the

number noted above.

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313 Boston Post Road West, Suite 210 Marlborough, MA 01752 508.263.6200 • 508.303.3290 fax www.ceadvisors.com

PRIVILEGED AND CONFIDENTIAL

November 6, 2003

#### Dear:

On behalf of the NSTAR Electric & Gas Corporation ("NSTAR" or the "Company"), the parent company of Boston Edison Company, Cambridge Electric Light Company, and Commonwealth Electric Company (collectively, the "NSTAR Companies"), Concentric Energy Advisors, Inc. ("CEA") is writing to inform you of the timing and procedures for submitting final bids ("Bids") regarding the transfer of entitlements to certain power purchase agreements ("PPAs").

#### FINAL BID DUE DATE AND CONCLUSION OF DUE DILIGENCE

Final Bids will be due at 12:00 noon EST on Tuesday, November 25, 2003. The deadline for submitting remaining due diligence questions and for participating in meetings or conference calls with NSTAR management will be Friday, November 21, 2003.

- 1. **Bid Form:** Bidders should complete and provide the PPA Entitlement Bid Form for each PPA for which a bid is being submitted. Please note that bids will be evaluated based on proposals submitted as of November 25, 2003. As noted in Paragraph 6 below, Bidders should assume a closing date of April 1, 2004. To the extent that bids must be periodically re-marked to reflect changes in market conditions prior to the closing date, or changes in the date of the closing, bidders should provide the formula and indices that would be used to adjust such bid. Please note that both the complexity of re-marking formulas and the level of re-pricing will be factors considered by the Company in its evaluation of bids.
- **2.** Confirmation of Bidding Group: List all parties in the bidding group (as defined in the Request for Qualifications). If there have been any changes to the bidding group since the qualification process, such changes must be clearly identified.
- **3.** *Bidders may form consortia:* In such cases, CEA must be promptly notified and a lead Bidder must be designated for the purpose of communications and possible negotiations.
- 4. *Identification of Advisors:* Identify all advisors to the Bidder, along with their respective roles.

- **5.** *Identification of Interest:* Clearly identify the PPAs for which the Bid is being submitted. If separate Bids are being submitted for different PPAs or combinations of PPAs, clearly identify each such Bid and the PPAs to which it applies.
- **6.** *Pricing Options:* For each PPA Entitlement being sought, clearly state the pricing Option and amounts for that PPA. For the purpose of the Bid, the effective date of the ETA should be assumed to be April 1, 2004. As noted above, bidders must provide, their proposed adjustment formulas and underlying indices intended to reflect changes in market prices or the timing of closing.
- 7. Approvals: Provide a list of regulatory, and/or governmental and other approvals required to close the transaction(s) contemplated, the process for obtaining and estimated time required to secure such approvals. Please note that Bids contingent upon board, shareholder or other internal approvals may be rejected. All proposals must be signed by an official authorized to bind the Bidder.
- 8. Financial Qualifications: Each Bidder or its unconditional guarantor is required to demonstrate that it meets minimum credit criteria, including maintenance of an investment grade credit rating and a minimum capitalization threshold sufficient to support its bid through the term of the longest-lived PPA Entitlement in its bid package. To that end, the Bidder may be required to provide a stand-by letter of credit or similar security instrument provided by an investment grade commercial bank. The term of the security instrument together with detailed security provisions are described in the Transaction Agreements.

Bidders must explain how the required financial security would be provided and the status of any documentation required for the Bidders to provide such security. In addition, if the Bidder proposes to provide financial assurance through a parent and/or affiliate, the Bidder should submit similar information with respect to that entity.

To the extent a special purpose entity ("SPE") is anticipated, the Bidder must provide the identity and relationship between the SPE and the entity providing the necessary credit support and indemnities. As stated above, the Bidders must identify the entity providing credit support for the proposed transaction and ongoing financial obligations, as well as its relationship to the Bidder or bidding group.

9. Exceptions to the Entitlement Transfer Agreement: To the extent a Bidder wishes to propose bid-enhancing exceptions to the Entitlement Transfer Agreement, the Bidder must include an electronically marked copy of the documents. All proposed language additions, deletions, or changes should be clearly marked and should be indicated in the relevant place in the text of the documents. The extent and nature of the proposed exceptions will be taken into consideration in evaluating Bids. Significant deviations from the terms as stated in the Transaction Agreements will be viewed negatively in the Bid evaluation process.

Three paper copies of your entire Bid package and one electronic copy (MS Word format) of any proposed modifications to the Entitlement Transfer Agreement, and the PPA Entitlement Bid Form should be delivered by Tuesday, November 25, 2003 12:00 noon EST to:

PRIVILEGED AND CONFIDENTIAL

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Concentric Energy Advisors 313 Boston Post Road West, Suite 210 Marlborough, MA 01752 Attention: Robert B. Hevert

Telephone: 508.263.6204

The NSTAR Companies intend to select the successful bidder(s), with the assistance of CEA, as soon as practicable following the receipt of Bids. NSTAR expressly reserves the right, in its sole and absolute discretion, to negotiate with one or more Bidders at any time during this process. All Bidders will be notified regarding the outcome of this process if, when and as appropriate. NSTAR, and CEA on its behalf, reserves the right to terminate the bidding and solicitation process and to modify any of the rules or procedures set forth herein, or any other procedures, at any time without prior notice and without assigning any reason. All Bidders will be notified of any such modifications if, when and as appropriate. CEA will continue as the point of contact regarding the Bid submission process, including continuing due diligence matters.

If you have any questions about these instructions, or require any additional information regarding this bidding process, please contact your Bidder Representative. Finally, please note that the existence and content of this letter, and the existence, content and status of any Bid are subject to the Confidentiality Agreement previously executed by you.

On behalf of the NSTAR Companies, thank you for your continuing interest in this process.

Regards,

CONCENTRIC ENERGY ADVISORS, INC.

Phone: 508.263.6204

Email: bhevert@ceadvisors.com

Enclosures: Attachment 1: PPA Entitlement Bid Form

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#### PPA ENTITLEMENT BID FORM

Bidders should provide three (3) hard copies, and o	one electronic copy of this bid form for each PPA.
Name of Bidding Group:	
Name of PPA Entitlement: As provided	
in Section 5 of the Offering Memorandum	

**Pricing**: Pricing for each of the PPA Entitlements can be structured in either of two ways. Option 1 is a lump sum payment from the Bidder to NSTAR (positive number) or from NSTAR to Bidder (negative number) based on NSTAR paying the indicated monthly support payments for each contract. NSTAR will provide each Bidder a schedule of monthly support payments for the term of each of the PPAs. Bidders should evaluate the PPA based on that support payment and propose a price they would pay (a positive number) or payment they would require from NSTAR (a negative number) to assume the rights and obligations of the PPA pursuant to the ETA. Option 2 is available for contracts with energy only pricing under the PPA (no fixed charges). Under Option 2 bidders should indicate the price per megawatt hour they would pay to NSTAR for energy delivered pursuant to an entitlement transfer of that PPA.

All bids should be for the full remaining term of any PPA and for the full output associated with any PPA. All bids are to be quoted in US dollars.

Pricing Option 1: Fixed Monthly Entitlement Support Payment from NSTAR to the Bidder:

Year	MONTHLY Support Payment	Year	MONTHLY Support Payment
2004	(To Be Supplied NSTAR)	2016	(To Be Supplied NSTAR)
2005	(To Be Supplied NSTAR)	2017	(To Be Supplied NSTAR)
2006	(To Be Supplied NSTAR)	2018	(To Be Supplied NSTAR)
2007	(To Be Supplied NSTAR)	2019	(To Be Supplied NSTAR)
2008	(To Be Supplied NSTAR)	2020	(To Be Supplied NSTAR)
2009	(To Be Supplied NSTAR)	2021	(To Be Supplied NSTAR)
2010	(To Be Supplied NSTAR)	2022	(To Be Supplied NSTAR)
2011	(To Be Supplied NSTAR)	2023	(To Be Supplied NSTAR)
2012	(To Be Supplied NSTAR)	2024	(To Be Supplied NSTAR)
2013	(To Be Supplied NSTAR)	2025	(To Be Supplied NSTAR)
2014	(To Be Supplied NSTAR)	2026	(To Be Supplied NSTAR)
2015	(To Be Supplied NSTAR)		

NSTAR PPA ENTITLEMENT BID FORM PAGE TWO

# Pricing Option 2: Fixed Price per MWH delivered under the contract:

Year	\$/MWH	Year	\$/MWH
2004		2016	
2005		2017	
2006		2018	
2007		2019	
2008		2020	
2009		2021	
2010		2022	
2011		2023	
2012		2024	
2013		2025	
2014		2026	
2015			
	·		

Is this bid separable from other PPA Entitlement bids made by Bidder? \_\_\_\_\_ (Yes/No) If No, indicate the specific PPA Entitlements that should be considered as a bundle:

To the extent that any bid is subject either to a re-mark to market between the date of submission and the date of closing, or to a price adjustment based on variations in the closing date, please provide the formula specifying how the bid would be adjusted to reflect any such changes. For the purposes of this adjustment formula please assume that all PPA transfers would occur on the first day of the month and that the closing would occur between February 1, 2004 and April 1, 2004. Further, for all proposed re-marks, clearly indicate the starting value used to develop the bid and the published index or indices that provide the basis for the change.

Bidders should be aware that NSTAR will require any re-marking to be based on publicly available indices or data sources; and the Company strongly prefers that re-marking be kept to as low a level as possible.

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# Initial OSP Bids - December 3, 2003

# Final Bids - Spring 2004 [2]

(In \$1,000's)	Po	rtfolio Bid	OSP		P	ortfolio Bid	OSP
Bidder A	\$	(1,717,683)		Bidder A [3]			N/A
Bidder B [1]	\$	(1,948,029)		Bidder B			N/A
Bidder C	\$	(3,458,160)		Bidder C			N/A
Bidder D			\$ (118,495)	Bidder D			\$ (119,997)
CEA/NSTAR Valuation	\$	(1,892,000)	\$ (122,574) [4]		\$	(1,881,123)	\$ (128,002) [5]

- [1] Portfolio bid excludes the OSP Contracts
- [2] Includes updated market prices
- [3] Bidder A did not provide a final binding bid
- [4] CEA/NSTAR initial valuation based on a April 2004 PV
- [5] CEA/NSTAR final valuation based on April 2004 PV

	(in \$1,000's)								
Line		2004	2005	2006	2007	2008	2009	2010	2011
1	Boston Edison OSP 1								
2	Projected Market Price	\$6,193	\$8,007	\$7,022	\$6,564	\$6,773	\$6,975	\$7,305	
3	Projected Contract Cost	\$14,688	\$20,600	\$21,345	\$18,157	\$17,092	\$17,498	\$17,110	
4	Above Market Amount	\$ (8,494) \$	(12,592) \$	(14,323) \$	(11,593) \$	(10,319) \$	(10,523) \$	(9,806) \$	-
5	Present Value [1]	\$ (60,573)							
6									
7									
8	Boston Edison OSP 2								
9	Projected Market Price	\$ 6,206 \$	8,023 \$	7,036 \$	6,577 \$	6,786 \$	6,989 \$	7,319 \$	5,693
10	Projected Contract Cost	\$ 14,819 \$	21,525 \$	21,102 \$	20,426 \$	17,678 \$	16,926 \$	17,474 \$	13,211
11	Above Market Amount (2011 is a partial year)	\$ (8,614) \$	(13,502) \$	(14,066) \$	(13,849) \$	(10,892) \$	(9,937) \$	(10,155) \$	(7,518)
12	Present Value [1]	\$ (67,429)							
13									
14									
15									
16	Total PV of Above Market Amount [1]	\$ (128,002)							
17									
18	OSP Termination Price	\$ (119,997)							
19	% Savings	6.25%							
20									
21									
22									
23									
24									

# NOTES

25

<sup>[1]</sup> Present value at 7.82% as of 4/1/04; projected contract cost based on final OSP bid

# Boston Edison OSP 1 Projected Contract Cost Summary

Line	Year	Total KWh (BECo %) [1]	Total Fixed Capacity Costs [2]	Total Fuel Commodity Charge [3]	Gas Layoff Credit to Demand Charges [4]	TOTAL Operating Costs	BECo %	Total BECo Cost			
1	2004										
1 2	2004										
3	2006										
4	2007		R	<b>EDACTE</b>	D						
5	2008										
6	2009										
7	2010										
8											
9											
10											
11											
12											
13 14											
15											
16											
17											
18											

#### Boston Edison OSP 2 Projected Contract Cost Summary

					,	•		
Line	Year	Total KWh (BECo %) [1]	Total Fixed Capacity Costs [2]	Total Fuel Commodity Charge [3]	Gas Layoff Credit to Demand Charges [4]	TOTAL Operating Costs	BECo %	Total BECo Cost
13110		( )[]		F-1				
1	2004							
2	2005							
3	2006							
			D		ח			
4	2007		K	EDACTE	שב			
5	2008							
6	2009							
7	2010							
8	2011							
9								
10								
11								
12								
13								
14								
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17								
18								

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# Henwood Power and Fuel Forecast Market Prices [1] Average Annual Prices (Nominal \$)

Line	Year	RI 24/7	Gas Henry Hub (\$/MMBtu)	
1	2004			
2	2005			
		DEL	ACTED	
3	2006	KEL	ACIED	
4	2007			
5	2008			
6	2009			
7	2010			
8	2011			
9				
10				
11				
12	[1] Henwwoo	d Energy Services Inc.	's Northeast Electricity and Gas Price Outlook, Fall 2	003, with update from May 2004, for years 2004 through 2006
13				

# Projected Market Price Summary

Line	Year	Total KWh [1]	Total KWh [2]	SEMA Prices (\$/MWh)	Boston Edison OSP 1 Market Prices	Boston Edison OSP 2 Market Prices
1	2004					
2	2005					
3	2006					
4	2007					
			ь		<b>C</b> D	
5	2008		K	EDACT	ED	
6	2009					
7	2010					
8	2011					
9						
10						
11						
12						
13						
14						
15						